Thijs Roumen - CV

Assistant Professor IS and CS, Cornell Tech
2 West Loop Road 10044, New York, NY - United States of America
thijs.roumen@cornell.edu
www.thijsroumen.com

Academic Affiliations

Cornell Tech, NYC, USA **2022-now**
Assistant Professor (Tenure-Track) in Information Science, Computer Science field member

Education

Hasso Plattner Institute, Germany **2014-2023**
Ph.D. in Human Computer Interaction (**summa cum laude**)
Advisor: Patrick Baudisch, external reviewers: Albrecht Schmidt, Takeo Igarashi
Internal reviewers: Robert Hirschfeld, Christoph Meinel, Felix Naumann

University of Southern Denmark, Denmark **2011-2013**
MSc. in IT Product Design
Thesis advisor: Stephan Wensveen

Eindhoven University of Technology, Netherlands **2007-2011**
BSc. in Industrial Design

Papers at top-tier HCI conferences

[31] Zekun Chang, Tianhong Catherine Yu, Yixuan Gao, and **Thijs Roumen**. StitchOver: Technical Embroidery on Seamed Fabrics. **UIST26**.

[30] Tobias M Weinberg, Aaleyah Lewis, Ricardo E. Gonzalez Penuela, Weicong Hong, Jennifer Mankoff, and **Thijs Roumen.** Me, Myself, and My Voice: Exploring Cultural and Linguistic Identity in AAC AI-generated Voices. **ASSETS26**.

[29] Ritik Batra, Lydia Kim, Ilan Mandel, Amritansh Kwatra, Jane L. E, Steven Jackson, and **Thijs Roumen.** (De)composing Craft: An Elementary Grammar for Sharing Expertise in Craft Workflows. **CSCW26**.

[29] Ritik Batra, Martin Tomke, Tom Svillans, Jan Huls, Amritansh Kwatra, Steven Jackson, **Thijs Roumen**, and Mette Ramsgaard Thomsen. Building Drift: Documenting On-Site Construction Adaptations Across Material Lifecycles. **ACADIA26**.

[28] Shuo Feng, Xuening Wang, Yifan Shan, Krista U Singh, Bo Liu, Amritansh Kwatra, Ritik Batra, Tobias Weinberg, and **Thijs Roumen**. CAMeleon: Comparing Fabrication Workflows in CAD. **CHI26**.

[27] Ritik Batra, Roy Zunder, Amy Cheatle, Ilan Mandel, **Thijs Roumen**, and Steven Jackson. Convivial Fabrication: Towards Relational Computational Tools For and From Craft Practices. **CHI26**.

[26] Tobias Weinberg, Ricardo E. Gonzalez Penuela, Stephanie Valencia, and **Thijs Roumen.** I, Robot? Exploring Ultra-Personalized AI-Powered AAC; an Autoethnographic Account. **CHI26**.

[25] Ofer Berman, Ethan Zhi Ming Seiz and **Thijs Roumen**. CeraPiper: Custom Extruded Ceramics for Heat Exchange. **SCF25**

[24] Shuo Feng, Bo Liu, Yifan Shan, Roy Zunder, Wei-Che Lin, Tri Dinh, Harald Haraldsson, Ofer Berman and **Thijs Roumen**. Y-AR: A Mixed Reality CAD Tool for 3D Wire Bending. **SCF25**

[23] Zekun Chang, Yixuan Gao, Yuta Noma, Shuo Feng, Xinyi Yang, Kazuhiro Shinoda, Tung D. Ta, Koji Yatani, Tomoyuki Yokota, Takao Someya, Tomohiro Tachi, Yoshihiro Kawahara, Koya Narumi, Francois Guimbretiere and **Thijs Roumen**. OriStitch: A Machine Embroidery Workflow to Turn Existing Fabrics into Self-Folding 3D Textiles. **SCF25**

[22] Tobias Weinberg, Claire O'Connor, Ricardo E. Gonzalez Penuela, Stephanie Valencia, **Thijs Roumen**. One Does Not Simply 'Mm-hmm': Exploring Backchanneling in the AAC Micro-Culture. **ASSETS25**

[21] Amritansh Kwatra, Tobias Weinberg, Ilan Mandel, Ritik Batra, Peter He, Francois Guimbretiere, and **Thijs Roumen**. SplatOverflow: Asynchronous Hardware Troubleshooting. **CHI25 Best paper Honorable Mention (top 5%)**

[20] Tobias Weinberg, Kowe Kadoma, Ricardo E. Gonzalez Penuela, Stephanie Valencia, and **Thijs Roumen**. Why So Serious?: Exploring Humor in AAC Through AI-Powered Interfaces. **CHI25 Best paper Honorable Mention (top 5%) and Jury Best Demo Award (#1)**

[19] Angelique Taylor, Tauhid Tanjim, Michael Joseph, Maia Hirsch, Kexin Cheng, Kevin Ching, Jonathan St. George, **Thijs Roumen**, Malte F Jung, and Hee Rin Lee. Rapidly Built Medical Crash Cart! Lessons Learned and Impacts on High-Stakes Team Collaboration in the Emergency Room. **HRI 2025**

[18] Mustafa Doga Dogan, Vivian Hsinyueh Chan, Richard Qi, Grace Tang, **Thijs Roumen** and Stefanie Mueller. StructCode: Leveraging Fabrication Artifacts to Store Data in Laser-Cut Objects. **SCF23**

[17] **Thijs Roumen**, Thijs Roumen, Ingo Apel, Thomas Kern, Martin Taraz, Ritesh Sharma, Ole Schlueter, Jeffrey Johnson, Dominik Meier, Conrad Lempert, Patrick Baudisch. Structure-Preserving Editing of Plates and Volumes for Laser Cutting. **SCF22**

[16] Muhammad Abdullah, Romeo Sommerfeld, Bjarne Sievers, Leonard Geier, Jonas Noack, Marcus Ding, Christoph Thieme, Laurenz Seidel, Lukas Fritsche, Erik Langenhan, Oliver Adameck, Moritz Dzingel, Thomas Kern, Martin Taraz, Conrad Lempert, Shohei Katakura, Hany Ehassany, **Thijs Roumen**, and Patrick Baudisch. HingeCore: Laser-Cut Foamcore for Fast Assembly. **UIST22**

[15] Keunwoo Park, Conrad Lempert, Muhammad Abdullah, Shohei Katakura, Jotaro Shigeyama, **Thijs Roumen**, and Patrick Baudisch. FoolProofJoint: Reducing Assembly Errors of Lasr Cut 3D Models by Means of Custom Joint Patterns. **CHI22**

[14] Muhammad Abdullah, Romeo Sommerfeld, Laurenz Seidel, Jonas Noack, Ran Zhang, **Thijs Roumen** and Patrick Baudisch. Roadkill: Fast-to-Assemble Layouts for Laser-Cut Objects. **UIST21**
Best Paper Honorable Mention (best 5%)

[13] **Thijs Roumen**, Conrad Lempert, Ingo Apel, Erik Brendel, Markus Brand, Laurenz Seidel, Lukas Rambold, and Patrick Baudisch. AutoAssembler: Automatic Reconstruction of Laser-Cut 3D Models. **UIST21**

[12] Muhammad Abdullah, Martin Taraz, Yannis Kommana, Shohei Katakura, Robert Kovacs, Jotaro Shigeyama, **Thijs Roumen**, and Patrick Baudisch. fastForce: Real-Time Reinforcement of Laser-Cut Structures. **CHI21**

[11] **Thijs Roumen**, Yannis Kommana, Ingo Apel, Conrad Lempert, Markus Brand, Erik Brendel, Laurenz Seidel, Lukas Rambold, Carl Goedecken, Pascal Crenzin, Ben Hurdelhey, Muhammad Abdullah, and Patrick Baudisch. Assembler^3: 3D Reconstruction of Laser-Cut Models. **CHI21**

[10] **Thijs Roumen**, Ingo Apel, Jotaro Shigeyama, Abdullah Muhammad, and Patrick Baudisch. Kerf-Canceling Mechanisms: Making Laser-Cut Mechanisms Operate across Different Laser Cutters. **UIST20**

[9] **Thijs Roumen**, Jotaro Shigeyama, Julius Cosmo Romeo Rudolph, Felix Grzelka, and Patrick Baudisch. SpringFit: Joints and Mouns that Fabricate on Any Laser-Cutter. **UIST19**

[8] **Thijs Roumen**, Willie Mueller and Patrick Baudisch. grafter: remxing 3D printed Machines. **CHI18**

[7] **Thijs Roumen**, Bastian Kruck, Tobias Duerschmid, Tobias Nack, Patrick Baudisch. Mobile Fabrication. **UIST16**

[6] Patrick Baudisch, Arthur Silber, Yannis Kommana, Milan Gruner, Ludwig Wall, Kevin Reuss, Lukas Heilmann, Robert Kovacs, Daniel Rechlitz and **Thijs Roumen**. Kyub: A 3D Editor for Modeling Sturdy Laser-Cut Objects. **CHI19**

[5] Oliver Schneider, Jotaro Shigeyama, Robert Kovacs, **Thijs Roumen**, Sebastian Marwecki, Nico Boeckhoff, Daniel Amadeus Glockner, Jonas Bounama and Patrick Baudisch. DualPanto: A Haptic Device that Enables Blind Users to Continuously Interact with Virtual Worlds. **UIST18**

[4] Saiganesh Swaminathan, **Thijs Roumen**, Robert Kovacs, David Stangl, Stefanie Mueller, Patrick Baudisch. Linespace: A Sensemaking Platform for the Blind. **CHI16**

[3] Lung-Pan Cheng, **Thijs Roumen**, Hannes Rantzsch, Sven Köhler, Patrick Schmidt, Robert Kovacs, Johannes Jasper, Jonas Kemper, Patrick Baudisch. TurkDeck: Physical Virtual Reality Based on People. **UIST15**

[2] Jessalyn Alvina, Shengdong Zhao, **Thijs Roumen**, Simon T Perrault, Maryam Azh, Morten Fjeld. Omnivib: Towards cross-body spatiotemporal vibrotactile notifications for mobile phones. **CHI15**

[1] **Thijs Roumen**, Simon Perrault. Shengdong Zhao. NotiRing: A Comparative Study of Notification Channels for Wearable Interactive Rings. **CHI15**

Full paper pre-prints

[8] Ilan Mandel, Joey Castillo, Wendy Ju, and Thijs Roumen. Boards in the Wild. **2026 ArXiv. In submission to ACM SCF26**

[7] Siddhart Kothari and Thijs Roumen. Verifab: Specification-Aware Validation of Electronic Designs Before Fabrication. **2026 ArXiv. In submission to ACM SCF26**

[6] Ofer Berman, Alexander Tully, Dvash Abarbanel, Ethan Seiz, and Thijs Roumen. What It Takes to Build a CAD Layer over a CAM Tool for an Unsupported Fabrication Process. **2026 ArXiv. In submission to ACM SCF26**

[5] Bo Liu, Gene S-H Kim, Franklin Mingzhe Li, Rajalakshmi Nandakumar, and **Thijs Roumen**. AssemblyLens: Empowering BLV Individuals to Independently Assemble Furniture. **2026 ArXiv. To be submitted to CHI27**

[4] Shuo Feng, Wenqing Pan, Yixuan Gao, Ritik Batra, Rene F. Kizilcec, and **Thijs Roumen**. aCADemy: guided reflection on fabrication-centric CAD decisions through AI. **2026 ArXiv.To be submitted to CHI27**

[3] Hyunju Kim, Danielle Ihechisim Imogu, Phoebe Qian, **Thijs Roumen**, and Francois Guimbretiere. Walking Besides: Designing for Navigational Delegation in Semi-Autonomous VR-Mediated Telepresence. **2026 ArXiv. To be submitted to CHI27**

[2] Yixuan Gao, Tanvir Ahmed, Zekun Chang, **Thijs Roumen**, and Rajalakshmi Nandakumar. Privy-Wave: Privacy-Aware Wireless Sensing of Heartbeat. **2026 ArXiv. In submission to MobiComp26**

[1] Lewis Campbell, Kelly Delp, **Thijs Roumen**, Fatma Baytar. Skirter: An End-to-End Pattern Drafting Tool. **2025 ArXiv Pre-print.**

Workshops/demos/light review

[20] Hyunyoung Kim, Daniel Ashbrook, Andrea Bianchi, Jack Forman, Joseph Jayakody, Sara Nabil, HyunJoo Oh, Thomas Pietrzak, Thijs Roumen, Valkyrie Savage, Lining Yao, and Clement Zheng. From Papers to the Real World: Making Fabrication Research Matter. **CHI26 workshop**.

[19] Bo Liu, Yixuan Gao, Yin Li, Rajalakshmi Nandakumar, and Thijs Roumen. Assembly Stethoscope: Detecting Assembly Errors through Frequency Sweeping-A Feasibility Study. **IASA25**

[18] Ofer Berman, Ethan Zhi Ming Seiz and **Thijs Roumen**. CeraPiper: Custom Extruded Ceramics for Heat Exchange. **SCF25 Demo**

[17] Shuo Feng, Bo Liu, Yifan Shan, Roy Zunder, Wei-Che Lin, Tri Dinh, Harald Haraldsson, Ofer Berman and **Thijs Roumen**. Y-AR: A Mixed Reality CAD Tool for 3D Wire Bending. **SCF25 Demo**

[16] Zekun Chang, Yixuan Gao, Yuta Noma, Shuo Feng, Xinyi Yang, Kazuhiro Shinoda, Tung D. Ta, Koji Yatani, Tomoyuki Yokota, Takao Someya, Tomohiro Tachi, Yoshihiro Kawahara, Koya Narumi, Francois Guimbretiere and **Thijs Roumen**. OriStitch: A Machine Embroidery Workflow to Turn Existing Fabrics into Self-Folding 3D Textiles. **SCF25 Demo**

[15] Tobias Weinberg, Kowe Kadoma, Ricardo E. Gonzalez Penuela, Stephanie Valencia, and **Thijs Roumen**. Demonstrating Why So Serious?: Exploring Humor in AAC Through AI-Powered Interfaces. **CHI25 Jury Best Demo Award (#1)**

[14] Ofer Berman, Ezri Tarazi, **Thijs Roumen**, Gil Wang. Wave Absorbance System for Towing Tanks. **WCFS2024**

[13] Yixuan Gao, Tanvir Ahmed, Zekun Chang, **Thijs Roumen**, Rajalakshmi Nandakumar. VitalHide: Enabling Privacy-Aware Wireless Sensing of Vital Signs. **HotMobile 2025.**

[12] Andrew Park, Seonghoon Lee, Yixuan Wang, Nicholas Christians, and **Thijs Roumen**. EasyShade: Generating Custom Lampshade with Stereographic-pattern Projection. **SCF24 Demo**

[11] Lewis Campbell, Kelly Delp, **Thijs Roumen**, and Fatma Baytar. Demonstrating Skirter: An End-to-End Computational Pattern Drafting Tool. **SCF24 Demo**

[10] Patrick Baudisch, Stefanie Mueller, **Thijs Roumen**, Pedro Lopes, Robert Kovacs, Jotaro Shigeyama, Shohei Katakura, Muhammad Abdullah, Conrad Lempert, Martin Taraz, Lukas Rambold. Pushing Fabrication Research past the Makers. **CHI23 Demo**

[9] **Thijs roumen** Portable Laser Cutting. **UIST22 Doctoral Symposium**

[8] **Thijs Roumen**, Conrad Lempert, Lukas Rambold, Muhammad Abdullah, Patrick Baudisch. Demonstrating 3D Reconstruction to Modify 2D Laser Cutting Plans. **CHI22 Demo.**

[7] Keunwoo Park, Conrad Lempert, Muhammad Abdullah, Shohei Katakura, Jotaro Shigeyama, **Thijs Roumen**, Patrick Baudisch. Demonstrating FoolProofJoint: Reducing Assembly Errors of Laser Cut 3D Models by Means of Custom Joint Patterns. **CHI22 Demo**

[6] **Thijs Roumen**, Yannis Kommana, Ingo Apel, Conrad Lempert, Markus Brand, Erik Brendel, Laurenz Seidel, Lukas Rambold, Carl Goedecken, Pascal Crenzin, Ben Hurdelhey, Muhammad Abdullah, Patrick Baudisch. Demonstrating Assembler^{3}: 3D Reconstruction of Laser-Cut Models. **CHI21 Demo**

[5] Muhammad Abdullah, Martin Taraz, Yannis Kommana, Shohei Katakura, Robert Kovacs, Jotaro Shigeyama, **Thijs Roumen**, Patrick Baudisch. Demonstrating fastForce: Real-Time Reinforcement of Laser-Cut Structures. **CHI21 Demo**

[4] Patrick Baudisch, Arthur Silber, Yannis Kommana, Milan Gruner, Ludwig Wall, Kevin Reuss, Lukas Heilmann, Robert Kovacs, Daniel Rechlitz, **Thijs Roumen.** Demonstrating Kyub: A 3D Editor for Modeling Sturdy Laser-Cut Objects. **CHI19 Demo.**

[3] **Thijs Roumen**, Willi Müller, Patrick Baudisch. Demonstrating Grafter: Remixing 3D-Printed Machines. **CHI18 Demo.**

[2] Robert Kovacs, Ludwig Wall, Anna Seufert, Hsiang-Ting Chen, Willi Müller, Florian Meinel, Yannis Kommana, Thomas Bläsius, Oliver Schneider, **Thijs Roumen**, Patrick Baudisch. Demonstrating TrussFab's Editor: Designing Sturdy Large-Scale Structures. **CHI17 Demo**

[1] Thijs Roumen, Bastian Kruck, Tobias Duerschmid, Tobias Nack, Patrick Baudisch. Mobile fabrication: connect to the environment. **SCF17 Demo**

Department Service

Director and founder
2026 - Cornell Initiative of Accessible Technology and AI

Committee Member
2023-25 PhD life committee Cornell Tech, and liaison for IS at Cornell Tech
2025- Initiator and organizer of annual Cornell Accessibility Summit
2023-25 Initiator and organiser of biannual Jr. Faculty Retreat
2022-26 PhD admissions in IS
2022-26 Graduate Studies Committee IS
2022, 24-26 PhD admissions in CS

Academic Community Service

Committees
Steering Committee ACM SCF 2024 +
General Chair ACM SCF 2023
Subcommittee Chair DIS 2024
PC member UIST2021-26, CHI2023-26, NSF 2022-24, DIS 2023, CSCW2022, MobileHCI2021, TEI2021-23, DesForm 2019
Best Paper Committee UIST2022-25, DIS 2023-24, CHI24-26
Doctoral Symposium Chair UIST 2025, 26

Demo Chair UIST 2023-24
Student Innovation Contest Chair UIST 2022
Local Arrangement Chair UIST 2018

Reviewer
CHI (2015-2026), UIST (2015-2026), and various other ACM conferences (over 300 reviews in total)

Special Recognitions for reviews (35 in total)
CHI26, UIST25 (4x), CHI25 (3x), UIST24 (2x), CHI24, DIS23(2x), CHI23, DIS22, 2x CHI22, UIST21, 2x CHI21, 3x UIST20, CHI Play 20, 2x CHI20, 2x CHI18, 2x CHI15, 2x CHI16, CSCW15, CHI Play 15, CHI Play 14

Invited Talks

[48] CATAI seminar on Accessible Technology
[47] Inaugural Cornell Tech Accessibility Summit
[46] Keynote at annual Design Tech conference, Technion
[45] Opening Keynote at Cornell CSL retreat
[44] Guest lecture in fabrication class (Niti Parikh)
[43] Guest lecture in ubicomp class (Cheng Zhang)
[42] Cornell Entrepeneurship Advisory Counsil
[41] Cornell high-school Programming Competition
[40] HPI NYC breakfast talks
[39] Cornell Tech, NYC
versity of Montreal
[37] Cornell, Ithaca
[36] UIUC
[35] Stanford University
[34] University of Michigan
[33] UCSD
[32] National Taiwan University
[31] UCLA
[30] Harvard University
[29] University of Washington, Seattle
[28] MIT CSAIL
[27] MIT Center for Bits and Atoms
[26] MIT Media Lab
[25] Carnegie Mellon Univesity, Pittsburgh
[24] University of Chicago
[23] University of Toronto, Canada
[22] University College London, UK
[21] University of Maryland
[20] University of Tokyo
[19] National University of Singapore
[18] University of Colorado, Boulder
[17] SIGCHI Paris
[16] KAIST
[15] MIT Vision and Graphics seminar[38] Uni-
[14] University of California Merced
[13] University of Waterloo
[12] University of Copenhagen, Denmark
[11] University of Calgary
[10] University of Bristol, UK
[9] Darthmouth College
[8] Texas A&M University
[7] Kolding Design School tech seminar
[6] Dagstuhl Seminar on Computational As-
pects of Fabrication
[5] Saarland University, Germany
[4] Ulm University, Germany
[3] University of Cape Town
[2] LMU Munchen
[1] Hasselt University, Belgium

Teaching

Primary Instructor at Cornell Tech

[8] Digital Fabrication, 35 master students	spring 2026
[7] HCI and Design, 150 master students	fall 2025
[6] Developing Research Agendas in Technical HCI (PhD level)	spring 2025
[5] HCI and Design, 150 master students	fall 2024
[4] Digital Fabrication, 50 master students	spring 2024
[3] HCI and Design, 110 master students	fall 2023
[2] Digital Fabrication, 50 master students	spring 2023
[1] HCI and Design, 200 master students	fall 2022

Primary Instructor (during PhD)

[2] Algorithmic Folding, master course	winter 2021
[1] Algorithmic Folding, master course	winter 2020

Teaching Assistant (during PhD)

[7] Building Interactive Systems, bachelor course	summer 2021
[6] Building Interactive Systems, bachelor course	summer 2020
[5] Programming Technology 1, bachelor course	winter 2019
[4] Designing Interactive Systems, bachelor course	summer 2019
[3] Designing Interactive Systems, bachelor course	summer 2018
[2] Human Computer Interaction 1, bachelor course	winter 2016
[1] Human Computer Interaction 1, bachelor course	winter 2015

Created Courses (before PhD)

[2] Introduction to Arduino Programming, master+bachelor	summer 2013
[1] Introduction to Arduino Programming, master+bachelor	winter 2013

Funding

Survival and Flourishing Speculator Grant (30k)	2026
Einhorn Community-Engaged Scholarship Fellowship (2k)	2026
Bowers CIS Research Accelerator Seed Grant (60k)	2025
Google Research Scholar (60k)	2025
XR Collaboratory Prototyping Grant (25k)	summer 2024
AWS credits for AI and Accessibility (25k)	2024/2025
PADE grant for accessibility and AI event (10k)	2024/2025
CIDA grant or collaboration with CALS (15k)	2024/2025
CIDA summer fellowship(15k)	2025
NY Public Interest Technology (PIT) Seed Grant (2k)	2025

Mentoring

PhD students (primary advisor)

[7] Ramya Iyer	2026 -
[6] Lonnie Chien	2026 -
[5] Ritik Batra	2023 -
[4] Zekun Chang	2021 - 2026 (graduated with MSc)
[3] Shuo Feng	2023 -
[2] Tobias Weinberg	2023 -
[1] Amrit Kwatra	2022 - 2025 (graduated with MSc)

PhD students (co-advisor)

[3] Eric Chen	2026 -
[2] Bo Liu	2023 -
[1] Ilan Mandel	2022 -

PhD students (mentor)

[1] Ricardo Enrique Gonzalez	2022 -

Master thesis committee

[3] Lewis Fitzgerald Campbell	2023
[2] Henry Sanchez	2023
[1] Jun Han Kim	2023

Master student independent studies (2 days per week, one semester)

[9] Sid Dharka	2026	[4] Andrew Park	2024
[8] Hongyiming Cui	2025	[3] William Reed	2024
[7] Mia Wang	2025	[2] Leonardo Bueno	2024
[6] Angela Bi	2025, 26	[1] Yixuan Wang	2024
[5] Lydia Kim	2024, 25		

Master thesis students (6 months fulltime-primary advisor)

[7] Ingo Apel	2020	[3] Daniel Amadeus Glockner	2019
[6] Nico Böckhoff	2020	[2] Yannis Kommana	2018
[5] Jonas Bounama	2019	[1] Willi Mueller	2016
[4] Lukas Wagner	2019		

Bachelor thesis students (1 year fulltime-primary advisor)

[6] Tobias Weinberg	2023 (Technion, mechE)
[5] Maia Hirsch	2023 (Technion, mecE)
[4] Jeffrey Johnson	2020
[3] Benjamin Daniel	2020
[2] Ronja Wagner	2020
[1] Ole Schlueter	2020

Research intern (3 months fulltime-primary advisor)

[21] Rebecca Troy	2026	[10] Ethan Seiz	2025
[20] Siddesh Dharak	2026	[9] Peter He	2024
[19] Oded Harazi	2026	[8] Maria Tane	2024
[18] Alexander Tully	2026	[7] Justin Moore	2023
[17] Jason Liao	2026	[6] Fahad Tahir	2023
[16] Romulus Czernisz	2026	[5] Albina Krasykova	2023
[15] Alexandra Davidescu	2026	[4] Romeo Sommerfeld	2021
[14] Merav Keidar	2025	[3] Ritesh Sharma	2020
[13] Krista Singh	2025	[2] Vinayak Pushar	2019
[12] Tri Dinh	2025	[1] Ingo Apel	2019
[11] Harry Lin	2025		

Master Project Students (6 months--3 days per week)

[8] Laurenz Seidel	2020	[4] Conrad Lempert	2019
[7] Erik Brendel	2020	[3] Ingo Apel	2019
[6] Lukas Rambold	2020	[2] Carl Goedecken	2019
[5] Markus Brand	2020	[1] Pascal Crenzin	2019

Research project students (2 days per week for a semester)

[22] Nicholas Burka	2022	[11] Philipp Hoberg	2017+18
[21] Julian Arnold	2021	[10] Melvin Witte	2016
[20] Tarik Alnawa	2020	[9] Kieran Lomas	2016
[19] Hendrik Woehlert	2020	[8] Fabian Pottbaecker	2016
[18] Laura Meister	2020	[7] Andreas Burmeister	2016
[17] Ingo Apel	2019+20	[6] Yannis Komana	2016
[16] Julius Rudolph	2019	[5] Tobias Nack	2015
[15] Felix Grzelka	2019	[4] Tobias Duerschmid	2015
[14] Alexander Preuss	2018	[3] Bastian Kruck	2015
[13] Jonathan Janetzki	2018	[2] Pascal Crenzin	2015
[12] Ivan Illic	2017+18	[1] Jonathan Herdt	2015

Awards/Honors

[14] Faculty Fellow in the Community-Engaged Scholarship program of the Einhorn Center
[13] Recipient of Survival and Flourishing Fund speculation grant (30k)
[12] Google Research Scholar Award (60k)
[11] Best Demo Jury Award at CHI25 for Why So Serious (#1)
[10] Honorable Mention Award CHI25 for Why So Serious (best 5% of papers)
[9] Honorable Mention Award CHI25 for SplatOverflow (best 5% of papers)
[8] Nominated for ACM Dissertation Award (announcement June 2024)
[7] XR-protoyping grant, 20k for Y-AR project with XR Collaboratory, 2023
[6] Cornell Tech most dedicated faculty award (voted by students) 2023
[5] Summa Cum Laude PhD graduation (best 1% of graduates)
[4] Honorable Mention Award UIST'21 for Roadkill (best 5% of papers)
[3] Social Design Award 2010 from City of Eindhoven for *the Wiggle*
[2] Representng TU/E at the Dutch Design Week 2010
[1] Nomination for Sønderborg Entrepreneurship Award 2012
[*] Major Marathon Finisher: NYC 18, 24, Berlin 19, and Chicago 23 with a best time of 02:47:41

Research Internships

National University of Singapore, Singapore Advisor: Shengdong Zhao **2014**
Tsukuba University, Japan Advisor: Seunghee Lee **2010**

Non-Academic affiliations

DKNL Design, Denmark **2013-2014**
Interaction design consultant
Concept and prototype development, main client: LEGO

Stik Design, Denmark, Netherlands **2010-2013**
Founder and Owner
Product Design and Development.

EST Fellenoord, Netherlands **2010-2011**
Board position as Commissioner Internal Affairs
For a year I was boardmember of this student tennis association with over 400 members, responsible for internal communication and chairing the internal committees + organizing the bar and events

Brabant Center of Entrepreneurship, Netherlands **2010-2011**
Completed the Technology Entrepeneurship certificate program