

DAVID VERWEIJ

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EDUCATION

NOW **PHD CANDIDATE ON HUMAN-COMPUTER INTERACTION**
2019 Open Lab, Newcastle University, Newcastle, UK

Transferred with my supervisor's job change to the neighbouring university.

2019 **PHD CANDIDATE ON HUMAN-COMPUTER INTERACTION**
2017 Computer Science, Northumbria University Newcastle, UK

Exploring human-centered design, research and evaluation approaches for future smart homes and connected technologies, see [Domestic Widgets](#).

2017 **MASTER OF SCIENCE IN HUMAN COMPUTER INTERACTION**
2015 Industrial Design, Eindhoven University of Technology, NL

Graduated with a 9 (out of 10). Specialization in Constructive Design Research. Projects include, but are not limited to, a gestural interaction technique (see [WaveTrace](#)) and distributed cognition in classrooms (see [FireFlies 2](#)).

2015 **BACHELOR OF SCIENCE IN INDUSTRIAL DESIGN**
2010 Department of Industrial Design, Eindhoven University of Technology, NL

Specialized in supportive technologies for education. Projects include, but are not limited to, a crowd-sourced planning tool for teachers (see [CRiCP](#)), and a rehabilitation platform to motivate arm-hand use with games (see this [paper](#)).

2015 **MINOR SCIENCE EDUCATION AND COMMUNICATION**
2014 Eindhoven School of Education, Eindhoven University of Technology, NL

A one-year education rewarded with a formal teaching qualification to teach physics in the first three grades of secondary education in the Netherlands.

2015 **PRE-UNIVERSITY EDUCATION ATHENEUM**
2014 Oosterlicht College Nieuwegein, NL

EXPERIENCE

NOW **TUTOR, DEMONSTRATOR AND TEACHING ASSISTANT**
2018 CIS, Northumbria University Newcastle, UK

Assisting in Lab sessions of courses such as 'Object-Oriented Programming', (family-focused) university events, and exam marking.

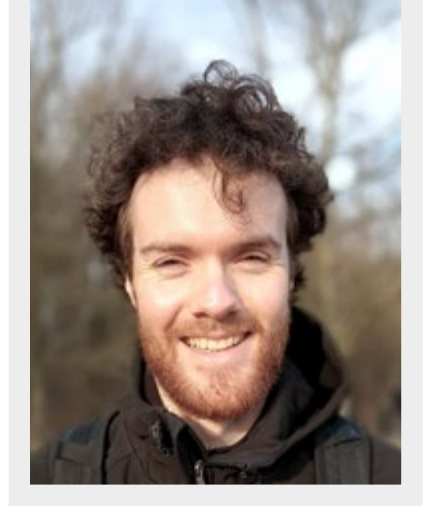
2017 **FOUNDER AND DESIGNER**
2015 Studio David Verweij, Eindhoven, NL

Development of (primarily motion) graphics. Clients include, but are not limited to, Eindhoven University of Technology ([video](#)), DoChange SmartHomes ([video](#)).

2016 **STUDENT ADVISOR DEPARTMENT BOARD**
2015 Department of Industrial Design, Eindhoven University of Technology, NL

Advising role within the Department Board as a student representative.

2016 **STUDENT COMMUNICATION ASSISTANT**
2014 Eindhoven University of Technology, NL



BIO

I am currently a PhD Student on Human-Computer Interaction for Digital Living. I am interested in interaction with distributed data in (everyday) environments that supports or relieves human cognition. I am specialised in Research through Design, and received my Master's degree with distinction at the Eindhoven University of Technology. In my free time I enjoy experimenting with software, hardware and woodworking, cycling and playing boardgames with friends or family.

SKILLS

Speech: Dutch (native), English (C2)
Languages: Java, C++, HTML, PHP, CSS, JSON, JavaScript, Python
Tools: Git, DialogFlow, Firebase, Arduino IDE, Processing, SPSS, Adobe Creative Cloud, LaTeX
Prototyping: Raspberry PI, Arduino, paper prototyping, cardboard modelling, 3D printing, circuit design, interactive electronics.

LATEST PUBLICATIONS

Verweij, D., Kirk, D., Rogage, K., Durrant, A. 2019. **Domestic Widgets: Leveraging Household Creativity in Co-Creating IoT**. In RTD 2019.

Verweij, D., Esteves, A., Bakker, S. and Khan, V.J. 2019. **Designing Motion Matching for Real-World Applications: Lessons from Realistic Deployments**. In ACM TEI 2019.

See more at davidverweij.com/publications/

Policy and website support, coaching secondary school classes and promotion for Industrial Design at schools.

2016 **CO-OWNER AND COURSE DEVELOPER**
2014 BétaBoomen, Eindhoven, NL

BétaBoomen offered pre-university schools courses and lectures in STEM related subjects by university students. I developed additional courses to offer.

2016 **TEACHING ASSISTANT TEI**
2016 Industrial Design, Eindhoven University, NL

Assisting in part of the classes on Tangible and Embodied Interaction and lecturer on video for conceptual interactions.

MANAGEMENT POSITIONS

NOW **ASSISTANT TO THE GENERAL CHAIRS**
2018 ACM SIGCHI CHI Conference 2020, Hawaii

Assisting the General Chairs in organising the 2020 edition of the annual premier ACM CHI conference.\

2015 **STUDENT REPRESENTATIVE DEP. COUNCIL**
2012 Industrial Design, Eindhoven University, NL

Representing students of the Department regarding education, research, finance, policy and communications.

2013 **VICE-CHAIRMAN & COM. OF EDUCATION**
2012 Study Association Industrial Design, Eindhoven, NL

Full-time representation of Industrial Design students in multiple bodies throughout the university. The study association further offers study material, workshops, leisure events and more, see lucid.cc.

2013 **FOUNDATION HAJRAA BUITENTOERNOOI**
2011 Eindhoven Student Volleyball Association, NL

Responsible for organizing and running a two-day festival with an average of 4.000 visitors a day, see buto.hajraa.nl.

VISITING POSITIONS

2016 **VISITING RESEARCHER (3 MONTHS)**
SEP Edinburgh Napier University, UK

INVITED WORKSHOPS AND TALKS

2019 **CLOSING PLENARY INTERACTION DESIGN**
APR Edinburgh Napier University, Edinburgh, UK

Presented research on Domestic Widgets.

2018 **CLOSING PLENARY INTERACTION DESIGN**
APR Edinburgh Napier University, Edinburgh, UK

Presented design of WaveTrace and subsequent research.

2018 **WORKSHOP ON SMART OBJECTS AS EMBODIED AGENTS IN EVERYDAY LIFE**
MAY Lorentz Centre, Leiden, NL

A 5-day workshop to develop an interdisciplinary research agenda on smart objects to help frame future work in interaction design, see [here](#).

2015 **BENQ INTERNATIONAL WORKSHOP**
JUL Taiwan TECH University Taipei, Taiwan

9-day product design workshop on future BENQ products.

VOLUNTEERING

NOW **WEB CO-CHAIR**
2018 ACM SIGCHI CHI Steering Committee

Co-responsible for the creation and development of the chi.acm.org website.

NOW **DESIGN CO-CHAIR**
2018 ACM SIGCHI CHI Conference 2020, Hawaii

Co-responsible for the logo, posters, and other designs, see chi2020.acm.org.

NOW **DESIGN CHAIR**
2018 ACM SIGCHI CHIPLAY Conference, Spain

Responsible for the logo, posters, and other designs, see chisplay.acm.org.

NOW **REVIEWER**
2018 Primarily ACM

CHI LBW '19, alt.CHI '19, CHI '19, TEI '19, IMWUT '18, DIS WIP '18, DIS '18

AWARDS AND GRANTS

2019 **DOCTORAL CONSORTIUM HONORARIUM**
MAY Main applicant | \$ 300

Received as part of my acceptance to CHI 2019 DC.

2018 **PGR RESEARCH IMPACT SCHEME**
APR Main applicant | £ 300

Used to host my research at the UK Maker Faire 2018 in Newcastle, see [this impression](#).

2018 **DESIGN UNITED DEMONSTRATOR GRANT**
SEP Co-applicant | € 5.000 | Ref. C2E1707

Used to translate the [WaveTrace](#) research project into a consumer product prototype, see [here](#).

2017 **ACM STUDENT TRAVEL GRANT**
SEP Main applicant | \$ 1.370 | SSTG-May_2017 #130

Used for travel and accommodation for ISS 2017.

MORE INFORMATION

Up to date projects, pasttimes and publications can be found on www.davidverweij.com.