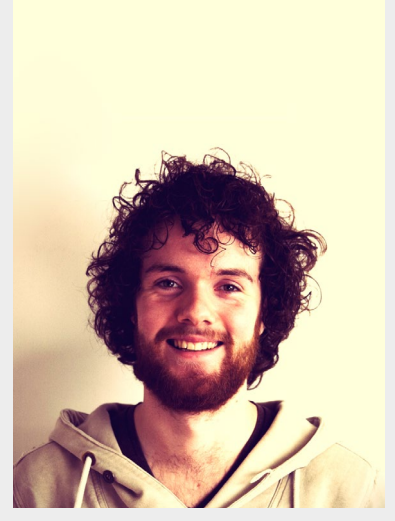


# DAVID VERWEIJ

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## EDUCATION

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- NOW** **PHD CANDIDATE ON HUMAN-COMPUTER INTERACTION FOR DIGITAL LIVING**  
2017  
Computing and Information Sciences, 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  
Department of 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.
- 2009** **PRE-UNIVERSITY EDUCATION ATHENEUM**  
2003  
Oosterlicht College Nieuwegein, NL

## EXPERIENCE

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- NOW** **TUTOR, DEMONSTRATOR AND TEACHING ASSISTANT**  
2018  
Computing and Information Sciences, 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, see [here](#). Clients include, but are not limited to, Eindhoven University of Technology (see [video](#)), DoChange SmartHomes (see [video](#)).
- 2016** **STUDENT ADVISOR DEPARTMENT BOARD OF INDUSTRIAL DESIGN**  
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  
Including policy and website support, coaching secondary school classes and promotion for Industrial Design amongst secondary 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.

## BIO

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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

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**Speech:** Dutch (native), English (C2)  
**Languages:** Java, C++, HTML, PHP, CSS, JSON, JavaScript (Node.js), 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 (actuators, sensors)

## LATEST CONFERENCE PUBLICATIONS

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

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

For a extensive and recent overview of all publications, such as Work-in-Progress or Demos, please visit [www.davidverweij.com/publications/](http://www.davidverweij.com/publications/)

**2016** **TEACHING ASSISTANT TANGIBLE AND EMBODIED INTERACTION**  
Industrial Design, Eindhoven University, NL  
Assisting in part of the classes on TEI and lecturer on using video to convey conceptual interactions.

## MANAGEMENT POSITIONS

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**NOW** **ASSISTANT TO THE GENERAL CHAIRS**  
**2018** ACM SIGCHI CHI Conference 2020, Honolulu, Hawaii  
Assisting the General Chairs in organising the 2020 edition of the annual premier ACM conference on Human Factors in Computing Systems.

**2015** **STUDENT REPRESENTATIVE**  
**2012** **DEPARTMENT COUNCIL**  
Industrial Design, Eindhoven University, NL  
Representing student and employees of the Industrial Design Department regarding education, research, finance, policy and communications.

**2013** **VICE-CHAIRMAN &**  
**2012** **COMMISSIONER OF EDUCATION**  
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](http://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](http://buto.hajraa.nl).

## VISITING POSITIONS

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**2016** **VISITING RESEARCHER**  
Edinburgh Napier University, UK  
For the duration of 3 months for my Master Thesis.

## INVITED WORKSHOPS AND TALKS

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**2018** **CLOSING PRESENTATION**  
**INTERACTION DESIGN COURSE**  
Edinburgh Napier University, Edinburgh, UK  
Presented [WaveTrace](#) and its design process and learnings to Interaction Design Bachelor students.

**2018** **WORKSHOP ON DESIGNING SMART OBJECTS**  
**AS EMBODIED AGENTS IN EVERYDAY LIFE**  
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 FUTURE LIGHT INTERNATIONAL**  
**DESIGN WORKSHOP**  
Taiwan TECH University Taipei, Taiwan  
Invited participant for a 9-day product design workshop on the future of BENQ products.

## VOLUNTEERING

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**NOW** **DESIGN CHAIR**  
**2018** ACM SIGCHI CHIPLAY Conference, Barcelona, Spain  
Responsible for the logo, posters, and other designs, see [chiplay.acm.org](http://chiplay.acm.org).

**NOW** **REVIEWER**  
**2018** CHI LBW '19, alt.CHI '19, CHI '19, TEI '19, IMWUT '18, DIS WIP '18, DIS '18

## AWARDS AND GRANTS

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**2018** **PGR RESEARCH IMPACT SCHEME**  
Main applicant | £ 300  
Used to host my research at the UK Maker Faire 2018 in Newcastle, see [this impression](#).

**2018** **DESIGN UNITED / 4TU**  
**DEMONSTRATOR GRANT**  
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**  
Main applicant | \$ 1.370 | SSTG - May\_2017 #130  
Used for travel and accommodation for ISS 2017.

## MORE INFORMATION

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**ONLINE** Up to date projects and publications can be found on [www.davidverweij.com](http://www.davidverweij.com).