

Niels van Berkel

Curriculum Vitae

Personal information

Nationality Dutch
Date of birth 7th of October, 1991
Residence Melbourne, Australia
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Education

PhD in Computer Science and Engineering

Thesis: Data Quality and Quantity in Mobile Self-Report Studies.
May 2015 - Present. University of Melbourne. Melbourne, Australia

MSc. in Interaction Technology

Thesis: Design of an Interactive Support System for Healthcare Consultants.
Sep 2012 - April 2015. University of Twente. Enschede, the Netherlands

BSc. in ICT & Media Design (cum laude)

Thesis: A Data-Driven Lighting Intelligence Service for Indoor and Retail.
Sep 2008 - Aug 2012, Fontys University of Applied Science. Eindhoven, the Netherlands

Work Experience

PhD candidate / Research scientist

The University of Melbourne, Interaction Design Lab
April 2017 - Present. Melbourne, Australia

Visiting researcher

Orygen, The National Centre of Excellence in Youth Mental Health
Nov 2017 - Feb 2018. Melbourne, Australia

Research scientist

University of Oulu, Centre for Ubiquitous Computing
May 2015 - April 2017. Oulu, Finland

Research intern

Microsoft Research, Advanced Technology Group
April 2016 - July 2016. Redmond, USA

Research intern

Philips Research, Smart Professional Spaces
Oct 2014 - April 2015. Eindhoven, the Netherlands

Design intern

Philips Design, Philips Group Innovation
Feb 2012 - Aug 2012. Eindhoven, the Netherlands

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Awards and Recognition

- Excellence in Tutoring Award (top 5 tutors) - Department of Computing & Information Systems The University of Melbourne (2018)
- SIGCHI Best of OzCHI Honourable Mention Award (top 5% of papers) - OzCHI (2017)
- Microsoft - 1st place //oneweek hackaton Consumer category (2016)
- Microsoft - 2nd place //oneweek hackaton Disruptive Innovation (2016)
- Twente Student Conference on IT: Best Paper Award - Track Intelligent Interaction (2013)

Grants

- Google PhD Fellowship in Human-Computer Interaction (2018)
- UbiComp/ISWC Student Travel Grant (2018)
- Google PhD Travel Scholarship - Google (2017)
- Conference Travel Scholarship - Melbourne School of Engineering (2017)
- Melbourne Research Scholarship - The University of Melbourne (2017)
- Personal Research Grant - Elisa HPY Research Foundation (2017)
- Personal Research Grant - Walter Ahlström Foundation (2017)
- Nokia Scholarship - Nokia Foundation (2016)
- UniOGS Travel Grant - University of Oulu (2016)

Teaching

Undergraduate and Graduate courses

The University of Melbourne

2018	Tutor, Social Computing (INFO90007)
2018	Tutor, Web Information Technologies (INFO30005)
2017	Tutor, Graphics and Interaction (COMP30019)
2017	Tutor, Fundamentals of Interaction Design (INFO10003)

University of Oulu

2015, 2016, 2017	Teaching Assistant, Human-Computer Interaction (521145A)
2016, 2017	Teaching Assistant, Applied Computing Project (521151A)
2017	Teaching Assistant, Mobile and Social Computing (521147S)
2016	Teaching Assistant, 3D Fabrication & Prototyping (521149S)

Pedagogical education

- Melbourne Teaching Certificate (The University of Melbourne, 2018)
- Tutor Training and Development (The University of Melbourne, 2017)
- Basics of University Pedagogy (University of Oulu, 920005J, 2016)

Student supervision

- Yifan Bu (MSc, co-supervisor): Ongoing (2018)
- Buyan, Li (MSc, co-supervisor): Ongoing (2018)
- Siran, Li (MSc, co-supervisor): Ongoing (2018)
- Eddy Hsuan-Yi Chang (MSc, co-supervisor): Graduated (2018)

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Media

- The Conversation: The internet is terrible at answering most tough questions. Our 'wisdom of the crowd' tool can help (26 June 2018)
- The Economist: Buddy, can you spare a watt? (30 Apr 2016)

Academic Service

Member of the Engineering Human Ethics Advisory Group

Jan 2018 - Present. The University of Melbourne

Seminar Coordinator

Jan 2018 - June 2018. The University of Melbourne, Interaction Design Lab

Academic Officer - Computing and Information Systems Graduate Research Students

Sept 2017 - May 2018. The University of Melbourne

Organisation & Editorials

- Guest Editor, Special Issue on Human Accuracy in Mobile Data Collection (IJHCS)
- Assistant to Technical Program Chairs - CHI 2019
- Organiser, Workshop on Mobile Human Contributions: Opportunities and Challenges - UbiComp 2018
- Co-organiser, Workshop on Sensors & Behaviour - UbiComp 2018
- Student Volunteer Chair - UbiComp 2018
- Student Volunteer - UbiComp 2017
- Student Volunteer - UbiComp 2016

Technical Program Committee Member

- BritishHCI 2018 - British Human-Computer Interaction Conference
- MUM 2018 - International Conference on Mobile and Ubiquitous Multimedia
- OzCHI 2018 - Australian Conference on Human-Computer Interaction

Journal Reviewing

- ACM Transactions on Human-Computer Interaction (ToCHI)
- Proc. ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)
- Elsevier International Journal of Human-Computer Studies (IJHCS)

Conference Reviewing

CHI, UbiComp, CSCW, MobileHCI, DIS, OzCHI, BritishHCI, ISWC, MUM, Aml