Jonas Oppenlaender

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CONTACT INFORMATION	Center for Ubiquitous Computing jonas.oppenlaender@oulu.fi Erkki Koiso-Kanttilan katu 3 90014 Oulu, Finland http://www.jonaso.de http://jonaso.de/portfolio Nationality: German https://github.com/joetm

SUMMARY

Early-stage researcher (2nd-year graduate student) in Social Computing with years of web development and international work experience and a keen interest in applying crowdsourcing and human computation to solve complex socio-technical problems.

EDUCATION

Doctoral Student, Computer Science   May 2018 – Apr 2021
Center for Ubiquitous Computing, University of Oulu, Finland

M.Sc., Computer Science   Aug 2014 – Nov 2015
Web Science Institute, University of Southampton, United Kingdom

Certificate in Business Analysis   Jan 2013 – July 2013
School of Continuing Studies, University of Toronto, Canada

Erasmus exchange student   Aug 2005 – July 2006
Institute of Technology, Linköping University, Sweden

Diplom-Wirtschaftsingenieur   Oct 2002 – March 2011
Technical University of Darmstadt, Germany

RESEARCH EXPERIENCE

Research Assistant *(Wissenschaftlicher Mitarbeiter)*   Aug 2016 – Apr 2018
Human-Centered Computing Group, Freie Universität Berlin, Germany

Data Scientist and Web Developer   Oct 2015 – Apr 2016
Seme 4 Ltd., Southampton, United Kingdom

OTHER WORK EXPERIENCE

Full-Stack Web Developer   May 2016 – July 2016
Liip AG, Bern, Switzerland

IT Business Analyst   Aug 2013 – July 2014
Alstom IS&T, La Défense, Paris, France

Strategy Analyst Trainee   June 2011 – March 2012
Alstom Power, Baden, Switzerland

Freelance Full-Stack Web Developer   2008 – 2013
Darmstadt, Germany

Volunteer   July 2010 – Aug 2010
Local Economic Development Department, Radoviš Municipality, Macedonia

Military Service   2000 – 2002
Franco-German Brigade, Donaueschingen, Germany

PEER-REVIEWED CONFERENCE PAPERS

1. **Jonas Oppenlaender**, Kristy Milland, Aku Visuri, Panos Ipeirotis and Simo Hosio. 2020. Creativity on Paid Crowdsourcing Platforms. In Proceedings of the 2020 ACM CHI Conference on Human Factors in Computing Systems (CHI '20). ACM, New York, NY, USA, to appear. DOI: 10.1145/3313831.3376677

2. **Jonas Oppenlaender**, Thanassis Tiropanis, and Simo Hosio. 2020. CrowdUI: Supporting Web Design with the Crowd. In Proceedings of 12th ACM SIGCHI

Symposium on Engineering Interactive Computing Systems (EICS '20). ACM, New York, NY, USA, to appear.

3. Andy Alorwu, Niels van Berkel, Jorge Goncalves, **Jonas Oppenlaender**, Miguel Bordallo López, Mahalakshmy Seetharaman, and Simo Hosio. 2020. Crowdsourcing Sensitive Data using Public Displays: Opportunities, Challenges, and Considerations. Personal and Ubiquitous Computing. Springer, to appear.

4. Simo Hosio, Niels van Berkel, **Jonas Oppenlaender**, and Jorge Goncalves. 2020. Crowdsourcing Personalized Weight Loss Diets. IEEE Computer, 53(1): 63–71. DOI: 10.1109/MC.2019.2902542

5. **Jonas Oppenlaender** and Simo Hosio. 2019. Design Recommendations for Augmenting Creative Tasks with Computational Priming. In Proceedings of the 18th International Conference on Mobile and Ubiquitous Multimedia (MUM '19). ACM, New York, NY, USA, 2019. DOI: 10.1145/3365610.3365621

6. **Jonas Oppenlaender**, Elina Kuosmanen, Jorge Goncalves and Simo Hosio. 2019. Search Support for Exploratory Writing. In Human-Computer Interaction – INTERACT 2019 (LNCS 11748), David Lamas, Fernando Loizides, Lennart Nacke, Helen Petrie, Marco Winckler, and Panayiotis Zaphiris (eds.). Springer International Publishing, Cham, Switzerland, 314–336. DOI: 10.1007/978-3-030-29387-1_18

7. Simo Hosio, Andy Alorwu, Niels van Berkel, Miguel Bordallo, Mahalakshmy Seetharaman, **Jonas Oppenlaender**, and Jorge Goncalves. 2019. Fueling AI with Public Displays? A Feasibility Study of Collecting Biometrically Tagged Consensual Data on a University Campus. In Proceedings of the 8th ACM International Symposium on Pervasive Displays (PerDis '19). ACM, New York, NY, USA, 2019. DOI: 10.1145/3321335.3324943

8. Simo Hosio, Jaro Karppinen, Niels van Berkel, **Jonas Oppenlaender**, and Jorge Goncalves. 2018. Mobile Decision Support and Data Provisioning for Low Back Pain. IEEE Computer, 51(8):34–43. DOI: 10.1109/MC.2018.3191250

9. **Jonas Oppenländer**, Falko Glöckler, Jana Hoffmann, and Claudia Müller-Birn. 2017. Bewertung von Reifegradmodellen für ein integriertes Forschungsdatenmanagement für multi-disziplinäre Forschungsorganisationen. In Jonas Kratzke and Vincent Heuveline (eds.). 2017. E-Science-Tage 2017: Forschungsdaten managen. hei-BOOKS, Heidelberg, Germany, 53–64. DOI: 10.11588/heibooks.28 5.377

PEER-REVIEWED SHORT PAPERS AND WORKSHOP PAPERS

10. **Jonas Oppenlaender**, Kristy Milland, Aku Visuri, Panos Ipeirotis, and Simo Hosio. 2020. What do crowd workers think about creative work? Workshop on Worker-Centered Design at CHI '20. Honolulu, HI, USA, to appear.

11. **Jonas Oppenlaender** and Simo Hosio. 2019. Supporting Creative Work with Crowd Feedback Systems. In Proceedings of the Workshop on Designing Crowd-Powered Creativity Support Systems (DC^2S^2) at CHI '19. Glasgow, UK.

12. **Jonas Oppenlaender**, Kennedy Opoku Asare, and Simo Hosio. 2018. CampusTracker: Assessing Mobile Workers' Momentary Willingness to Work on Paid Crowdsourcing Tasks. In Proceedings of the 2018 ACM International Joint Conference and 2018 International Symposium on Pervasive and Ubiquitous Computing and Wearable Computers (UbiComp '18). ACM, New York, NY, USA, 648–653. DOI: 10.1145/3267305.3267550.

13. **Jonas Oppenlaender**, Jesse J. Benjamin, and Claudia Müller-Birn. 2018. Towards Sociotechnical Management of Intra-Organisational Knowledge Transfer. In Paul Drews, Burkhardt Funk, Peter Niemeyer, and Lin Xie (eds.). 2018. Multikonferenz Wirtschaftsinformatik (MKWI '18). Leuphana Universität, Lüneburg, Germany, Band 1, 307–313.

WORKSHOPS ORGANIZED	14. **Jonas Oppenlaender**, Naghmi Shireen, Maximilian Mackeprang, Halil Erhan, Jorge Goncalves, and Simo Hosio. 2019. Workshop on Crowd-powered Interfaces for Creative Design Thinking. In Proceedings of the 2019 ACM SIGCHI Conference on Creativity and Cognition (C&C '19). ACM, New York, NY, USA, 722–729. DOI: 10.1145/3325480.3326553
	15. **Jonas Oppenlaender**, Maximilian Mackeprang, Abderahmane Khiat, Maja Vuković, Jorge Goncalves, and Simo Hosio. 2019. DC^2S^2: Designing Crowd-powered Creativity Support Systems. In Adjunct Proceedings of the 2019 ACM CHI Conference on Human Factors in Computing Systems (CHI '19). ACM, New York, NY, USA, W06, 8 pages. DOI: 10.1145/3290607.3299027
DOCTORAL CONSORTIUM	16. **Jonas Oppenlaender**. 2019. Supporting Creative Workers with Crowdsourced Feedback. In Proceedings of the 2019 on Creativity and Cognition (C&C'19). ACM, New York, NY, USA, 646–652. DOI: 10.1145/3325480.3326556
PEER-REVIEWED POSTERS	17. Panos Kostakos, Alavesa Paula, **Jonas Oppenlaender**, and Simo Hosio. 2019. VR Ethnography: A pilot study on the use of virtual reality 'go-along' interviews in Google Street View. In Proceedings of the 18th International Conference on Mobile and Ubiquitous Multimedia (MUM '19). ACM, New York, NY, USA, 2019. DOI: 10.1145/3365610.3368422
	18. **Jonas Oppenlaender** and Simo Hosio. 2019. Towards Eliciting Feedback for Artworks on Public Displays. In Proceedings of the ACM Conference on Creativity & Cognition (C&C '19). ACM, New York, NY, USA, 562–569. DOI: 10.1145/3325480.3326583
	19. **Jonas Oppenlaender**. 2019. Crowd-powered Self-Accelerating Knowledge Systems. ACM Conference on Collective Intelligence, Pittsburgh, PA, USA, 4 pages (retracted).
	20. **Jonas Oppenlaender** and Simo Hosio. 2019. Experizone: Integrating Situated Scientific Experimentation with Teaching of the Scientific Method. In Proceedings of the CHI Conference on Human Factors in Computing Systems Extended Abstracts (CHI '19). ACM, New York, NY, USA, 6 pages. DOI: 10.1145/3290607.3313043
	21. **Jonas Oppenlaender**, Jesse J. Benjamin, and Claudia Müller-Birn. 2017. Socio-technical Revelation of Knowledge Transfer Potentials. In Proceedings of the 5th AAAI Conference on Human Computation and Crowdsourcing (HCOMP '17), AAAI, 2 pages.

AWARDS	Scholarships and Awards	
	– Nokia Scholarship, Nokia Foundation (5000 EUR)	Dec 2019
	– Distinction, University of Southampton	Nov 2015
	Travel Grants	
	– ACM SIGCHI (US $1800)	June 2019
	– University of Oulu UniOGS (400 EUR)	June 2019
	– University of Oulu UniOGS (1000 EUR)	May 2019
	– Ubicomp/ISWC (US $600)	Oct 2018
	– Erasmus Sokrates Scholarship, DAAD (1100 EUR)	Aug 2005

CERTIFICATIONS AND LICENSES	– Scrum Master (Scrum Alliance)	2014
	– Certified Associate in Project Management (PMI)	2014
	– ITIL v3 Foundation (Axelos)	2014
	– Certificate in Business Analysis (University of Toronto)	2013
	– Quality Management Representative (DakkS)	2013
	– Zend Certified Engineer PHP 5 (Licence No. 013105)	2010
	– Business English Certificate Higher (University of Cambridge)	2009

TEACHING EXPERIENCE	**Co-Teacher, University of Oulu**

	– Social Computing (521044A, 31 students, 5 ECTS, Bachelor)	Spring 2020
	– Social Computing (521044A, 16 students, 5 ECTS, Bachelor)	Spring 2019

Curriculum planning

– Social Computing (521044A, Bachelor), University of Oulu	2019
– Semantic Web Technologies (19305401, Master), Freie Universität Berlin	2018

Teaching Assistant, University of Oulu

– Social Computing (521044A)	Spring 2020
31 students, 5 ECTS, Bachelor	
Responsible for organizing, managing, and holding all exercises	
– Social Computing (521044A)	Spring 2019
16 students, 5 ECTS, Bachelor	
– Human Computer Interaction (521145A, Bachelor)	Autumn 2019
146 students, 5 ECTS, Bachelor	
– Human Computer Interaction (521145A, Bachelor)	Autumn 2018
164 students, 5 ECTS, Bachelor level	
– Applied Computing Project I (521152S, Bachelor)	2018 – 2019
3 students, 10 ECTS, Bachelor	

Teaching Assistant, Freie Universität Berlin

– Software Project (4 students, Bachelor and Master)	Oct 2016 – June 2017

SUPERVISIONS	**University of Oulu**

– Summer project, Antonio Kongjonaj	June 2018 – Aug 2018

Freie Universität Berlin

– B.Sc. thesis, Bastian van de Wetering	Jan 2018 – Apr 2018
– M.Sc. thesis, Ömer Bayram	Dec 2017 – Apr 2018
– B.Sc. thesis, Andre Slava Paderow	Dec 2017 – Apr 2018
– M.Sc. thesis, Immanuel Pelzer	Aug 2016 – Apr 2017
– Software Project, 3 students	Nov 2016 – June 2017
– Supervision of two student research assistants	Dec 2016 – Apr 2018

ACADEMIC SERVICE	**Workshop Organizer**

– Workshop on Crowd-Powered Interfaces for Creative Design Thinking, Creativity & Cognition (C&C '19)	June 2019
– Workshop on Designing Crowd-powered Creativity Support Systems, CHI '19	May 2019

Student Volunteer, Creativity & Cognition (C&C '19)	June 2019
Associate Chair, CHI '19 Late Breaking Work	Jan 2019
Student Volunteer, UbiComp '18	Oct 2018
Member of the Organizing Committee, UBI Summer School 2018	June 2018
PC Member, Studierendenkonferenz Informatik (SKILL '18)	April 2018

PEER REVIEWER	CHI, CSCW, EICS, IUI	2020
	CHI, CSCW, UIST, IUI, C&C, INTERACT	2019
	CSCW, HICSS-52, IMWUT, CHI PLAY, ICMI, ESWC	2018

LANGUAGES	German: Mother tongue
	English: Very good (TOEFL 114/120, IELTS 8, Business English Certificate Higher)
	French: Basic knowledge
	Spanish: Beginner

Membership in   Association for Computing Machinery (ACM)
Associations   ACM Special Interest Group on Computer-Human Interaction (SIGCHI)

REFERENCES   Simo Hosio, Associate Prof. (Primary Supervisor)
              Center for Ubiquitous Computing   simo.hosio@oulu.fi
              University of Oulu

              Denzil Ferreira, Associate Prof. (Secondary Supervisor)
              Center for Ubiquitous Computing   denzil.ferreira@oulu.fi
              University of Oulu