

# Dr. André N. Meyer-Baron

Email: [info@andre-meyer.ch](mailto:info@andre-meyer.ch) | Website & Blog: [www.andre-meyer.ch](http://www.andre-meyer.ch) | Twitter: [casaout](https://twitter.com/casaout) | LinkedIn: [andrenmeyer](https://www.linkedin.com/in/andrenmeyer)

## Work Experience

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Since 07/2022	University of Zurich: <b>Senior Researcher</b> (full-time)	Zurich, Switzerland
Since 08/2018	MIT Coaching GmbH: <b>Data Scientist</b> (part-time)	Wollerau, Switzerland
Since 07/2020	Okomo AG: <b>Advisory Board</b>	Wollerau, Switzerland
06/2019 – 06/2022	University of Zurich: <b>Postdoctoral Researcher</b> (part-time)	Zurich, Switzerland
08/2020 – 07/2022	ScanDiags AG: <b>Head of Quality Management and Regulatory Affairs</b> , part of the Leadership Team	Wallisellen, Switzerland
11/2018 – 06/2020	Okomo AG: <b>CTO, COO (in 2019) &amp; Co-Founder</b>	Wollerau, Switzerland
04/2018 – 11/2018	University of British Columbia: <b>Visiting Researcher</b>	Vancouver, Canada
03/2014 – 10/2018	Picturex: <b>Co-Founder</b>	Freienbach, Switzerland
05/2009 – 08/2018	MIT-GROUP: <b>Software Developer, Partner, Board Member</b>	Freienbach, Switzerland
01/2018 – 04/2018	Microsoft: <b>Research Intern</b>	Redmond, USA
07/2016 – 08/2016	Microsoft: <b>Visiting Researcher</b>	Redmond, USA
11/2015 – 02/2016	Microsoft: <b>Research Intern</b>	Redmond, USA
2000 – 2015	Andre Meyer Consulting: <b>Founder</b> (web-, app-, and software-development)	

## Education

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10/2015 – 05/2019	<b>PhD in Computer Science</b> (summa cum laude, distinction) Thesis: Fostering Software Developer Productivity through Awareness Increase & Goal-Setting Advisors: Prof. Dr. Thomas Fritz, Prof. Dr. Gail Murphy, Dr. Thomas Zimmermann, Prof. Dr. Margaret-Anne Storey, Prof. Dr. Harald Gall	University of Zurich, Switzerland
01/2013 – 10/2015	<b>M.Sc. of Science in Informatics</b> (summa cum laude) Thesis: Personal Analytics: Two Studies on Developers' Perceptions of Productivity	University of Zurich, Switzerland
09/2009 – 01/2013	<b>B.Sc. of Science in Informatics</b> (magna cum laude) Thesis: Happy Coder, Personal Developer Analytics	University of Zurich, Switzerland

## Certifications

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11/2021	Professional Scrum Product Owner I (PSPO I)	Scrum.org
11/2020	Training on ISO 13485 Quality Management Systems	Medidee
11/2020	Training on ISO 14971 Risk Management for Medical Devices	Medidee

## Selected Publications

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Complete list of publications and aux. material: <http://www.ifi.uzh.ch/en/seal/people/meyer/publications.html>

TSE'20	<b>Detecting Developers' Task Switches and Types</b> André Meyer, Chris Satterfield, Manuela Züger, Katja Kevic, Gail Murphy, Tom Zimmermann, Thomas Fritz. <a href="#">Journal Paper</a> .
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- CHI'20 **Supporting Software Developers' Focused Work on Window-Based Desktops**  
Jan Pilzer, Raphael Rosenast, André Meyer, Elaine Huang, Thomas Fritz. [Conference Paper](#).
- Dissertation **Fostering Software Developer Productivity through Awareness Increase and Goal-Setting**.  
André Meyer. [Dissertation](#).
- TSE'19-1 **Enabling Good Work Habits in Software Developers through Reflective Goal-Setting**  
André Meyer, Gail Murphy, Thomas Zimmermann, Thomas Fritz. [Journal Paper](#).
- TSE'19-2 **Today was a Good Day: The Daily Life of Software Developers**  
André Meyer, Earl Barr, Christian Bird, Thomas Zimmermann. [Journal Paper](#).
- CSCW'18 **Design Recommendations for Self-Monitoring in the Workplace: Studies in Software Development**  
André Meyer, Gail Murphy, Thomas Zimmermann, Thomas Fritz. [Conference Paper](#).
- ICSE'18 **Fostering Software Developers' Productivity at Work Through Self-Monitoring and Goal-Setting**  
André Meyer. Doctoral Symposium Track.
- CHI'18 **Sensing Interruptibility in the Office: A Field Study on the Use of Biometric and Computer Interaction Sensors**. Manuela Züger, Sebastian Müller, André Meyer, Thomas Fritz. [Conference Paper](#). Top 5%.
- ESEM'17 **Characterizing Software Developers by Perceptions of Productivity**  
André Meyer, Thomas Zimmermann, Thomas Fritz. [Industry Track](#).
- TSE'17 **The Work Life of Developers: Activities, Switches and Perceived Productivity**  
André Meyer, Gail Murphy, Thomas Zimmermann, Laura Barton, Thomas Fritz. [Journal Paper](#).
- CHI'17 **Reducing Interruptions at Work: A Large-Scale Field Study of FlowLight**  
Manuela Züger, Christopher Corley, André Meyer, Boyang Li, Thomas Fritz, David Shepherd, Vinay Augustine, Patrick Francis, Nicholas Kraft and Will Snipes. [Conference Paper](#). Top 5%.  
Covered in The Telegraph, Wall Street Journal, GeekWire, DigitalTrends, The New Yorker, and 70 more.
- FSE'14 **Software Developers' Perceptions of Productivity**  
André Meyer, Gail Murphy, Thomas Zimmermann, Thomas Fritz. [Conference Paper](#). Best Paper Nominee.

## Selected Projects

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- 2020 – 2022 **ScanDiags**: AI service for augmented diagnosis and detection of musculoskeletal pathologies from MRI.  
I am responsible for the regulatory affairs and quality management and am supporting the technical implementation and running clinical investigations.
- Since 2018 **Smart Energy Lab**: Short-term and long-term photovoltaic power output predictions using artificial neural networks (ANN) in pre-alpine terrain in Switzerland.
- Since 2013 **Personal Analytics**: Fostering productivity at work through self-monitoring and goal-setting.  
I am the main contributor to this open-source project.
- Since 2019 **Okomo**: SaaS-solution to enable personalized interactions with online customers/prospects.  
As CTO, I was responsible for the technical implementation, maintenance, deployment and product roadmap, as well as supporting investor relations, operations and sales.
- 2014 – 2018 **Picturex**: Private Photo Sharing (secure photo-exchange service for B2C and B2B, multi-platform).  
I was the project lead, responsible for our strategy, go to market, marketing, and customer success.
- 2011 – 2018 **TouchMountain**: Award-winning augmented reality app for to recognize mountains worldwide.  
I was the project lead handling client & backend implementation, strategy, marketing, finance, support.
- 2011 **Tagi-News**: Unofficial, award-winning Windows Phone and Windows 8 newsreader app.
- 2010 **MeteoCheck.ch**: App and web service to compare weather forecasts with the reality.

## Awards & Grants

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2021	<b>Rapid Action Call 2021.1:</b> Research grant from DIZH with a value of CHF 76'000 (with Prof. Thomas Fritz), 9 of 33 projects were funded.
2018	<b>SNF Mobility Grant:</b> Swiss National Science Foundation, travel grant for CHF 22'000.
2018	<b>University of Zurich GRC Grant:</b> travel grant for CHF 3'400.
2016	<b>Microsoft Partner of the Year Award:</b> MIT-GROUP was awarded by Microsoft Switzerland.
2016	<b>Microsoft Research, Intern TopUp Award:</b> USD 10'000.
2015	<b>Winner Best Photo App:</b> Picturex was awarded by Silicon Beach App Awards.
2015	<b>Finalist for the European AppCup Award:</b> Picturex was nominated as one of the top 3 B2C apps.
2014	<b>Semester Price for my Master's Thesis:</b> One of the top 30 theses at the University of Zurich.
2013	<b>Nokia Lumia Geek Technology Showcase Award:</b> TouchMountain was awarded by Nokia at the Mobile World Congress in Barcelona, Spain.
2013	<b>Windows 8 App of the Year:</b> Tagi-News was awarded by Microsoft Switzerland.
2012	<b>App of the Year:</b> TouchMountain was awarded by Swisscom.

## Selected Talks

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2022	<b>SE Research: Developers' Diverging Perceptions of Productivity</b>	<a href="#">Virtual, DX</a>
2020	<b>Enabling Good Work Habits in Software Developers through Reflective Goal-Setting</b>	<a href="#">Virtual ICSE'20 Talk</a>
2020	<b>Supporting Software Developers' Focused Work on Window-Based Desktops</b>	<a href="#">Virtual CHI'20 Talk</a>
2019	<b>Today was a Good Day: The Daily Life of Software Developers</b> Conference Talk at FSE 2019.	Talinn, Estonia
2019	<b>Okomo: real human to human interactions</b> (on the future of communication) Co-organizer of first Okomo meetup	Zurich, Switzerland
2019	<b>Design Recommendations for Self-Monitoring in the Workplace: Studies in Software Development</b> Conference Talk at CSCW 2019.	New Jersey, USA
2018	<b>Fostering Software Developers' Productivity at Work Through Self-Monitoring and Goal-Setting,</b> Colloquium Talk at the University of Victoria.	Victoria, Canada
2018	<b>Fostering Software Developers' Productivity at Work Through Self-Monitoring and Goal-Setting,</b> Industry Talk at Tasktop.	Vancouver, Canada
2018	<b>Fostering Software Developers' Productivity at Work Through Self-Monitoring and Goal-Setting,</b> Conference Talk at ICSE 2018.	Gothenburg, Sweden
2018	<b>Today was a Good Day: The Daily Life of Software Developers,</b> Microsoft Research.	Redmond USA
2017	<b>Making Developers more Productive by Leveraging Personal Data</b> <a href="#">Keynote</a> Talk at IBM DeveloperWorks Unconference.	Zurich, Switzerland
2017	<b>The Work Life of Developers: Activities, Switches and Perceived Productivity,</b> Conference Talk at FSE 2017.	Paderborn, Germany
2016	<b>Building a Meaningful Retrospection for Developers' Work,</b> Microsoft Research.	Redmond, USA
2015	<b>FlowLight: Streamlining Developer Interruptions,</b> ABB.	Krakow, Poland
2015	<b>Picturex Pitch at the European AppCup,</b> Microsoft Europe.	Brussels, Belgium
2015	<b>Microsoft Azure: A Startup Success-Story,</b> Microsoft Switzerland and ALSO event.	Zurich, Switzerland
2014	<b>Software Developers' Perceptions of Productivity,</b> Conference Talk at FSE 2014.	Hong Kong, China
2014	<b>How Startups can Benefit from the Microsoft Cloud,</b> Microsoft Switzerland and IFJ.	Zurich, Switzerland
2013	<b>TouchMountain: An Augmented Reality Windows Phone App,</b> Mobile World Congress.	Barcelona, Spain
2012	<b>TouchMountain: Developing Augmented Reality Apps,</b> Adesso Innovation Snack.	Zurich, Switzerland

## Professional Activities

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2014 – 2022	<b>Reviewer/Co-Reviewer</b> of TSE, TOSEM, ICSE, FSE, ISCE, CHI, ICPC, MSR, ISSTA, SWSI	
2022	<b>Committee Member</b> , Shadow PC at MSR 2022	virtual
2019	<b>Social Media Co-Chair</b> at ASE 2019	San Diego, USA
2018	<b>Committee Member</b> , Mining Challenge at MSR 2018	Gothenburg, Sweden
2018	<b>Committee Member</b> , Artifact Evaluation at ISSTA 2018	Amsterdam, Netherlands
2017	<b>Student Volunteer</b> at CHI 2017	Denver, USA
2016	<b>Conference Experience Co-Chair</b> and Student Volunteer at FSE 2016	Seattle, USA
2014	<b>Student Volunteer</b> at FSE 2014	Hong Kong, China
2013	<b>Student Volunteer</b> at UbiComp and ISWC 2013	Zurich, Switzerland

## Teaching

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2015 – 2022	Supervision and mentoring of 15+ bachelor theses, master theses, master projects and PhD students	University of Zurich, Switzerland
2022	Supporter: Software Project	University of Zurich, Switzerland
2020	Lead: Software Project (first software project for undergrad students)	UZH, Switzerland
2017	Assistant: Human Aspects of Software Engineering	University of Zurich, Switzerland
2016	Assistant: Human Aspects of Software Engineering	University of Zurich, Switzerland
02/2015 – 07/2015	Teaching Assistant: Software Lab	University of Zurich, Switzerland
09/2013 – 12/2013	Teaching Assistant: Introduction into Programming	University of Zurich, Switzerland