

# Werner M. Dietl

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## Work Experience

**University of Waterloo**, Waterloo, Canada. 10/2013 – Now.

07/2020 – Now. Associate Professor with Tenure. 10/2013 – 06/2020. Assistant Professor.

Electrical & Computer Engineering. Cross-appointed to Computer Science. Member of the Programming Languages Group, the Waterloo Formal Methods group, and the Cybersecurity and Privacy Institute.

**Kotlin Foundation**, remote. 09/2022 – Now. Independent Director on the Board and member of the Language and Education Committees.

**University of Washington**, Seattle, WA, USA. 11/2009 – 09/2013. Research associate working with Prof. Michael D. Ernst in the Programming Languages and Software Engineering group.

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## Education

**ETH Zurich**, Switzerland. 09/2003 – 10/2009.

**Doctor of Technical Sciences**, 12/2009.

Research on Trusted Components with a focus on ownership type systems that enable software verification. Research and teaching assistant with Prof. Peter Müller at the Chair of Programming Methodology. Thesis examiners: Prof. Michael D. Ernst (UWash) and Prof. Martin Odersky (EPFL).

**Salzburg University**, Austria. 10/1996 – 08/1999 and 10/2001 – 08/2003.

**Diplom-Ingenieur**, 01/2003.

Study of Applied Computer Science and Business; passed 1. & 2. diploma examination with distinction. Thesis about image watermarking in the wavelet domain, supervised by Prof. Andreas Uhl. Research Assistant in an Austrian Science Fund FWF project. Student tutor.

**Bowling Green State University**, OH, USA. 08/1999 – 08/2000.

**Master of Science in Computer Science**, 08/2000.

Passed with 4.00 GPA. Employed as a Research Assistant.

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## Awards and Honors

**Amazon Research Award (ARA) Fall 2023**. 04/2024.

**Ontario Early Researcher Award (ERA)**. 04/2019.

**Research gift** from Amazon Web Services. 09/2017.

**JavaOne/Code One Rock Star award**. JavaOne 2016, JavaOne 2017.

**Google Faculty Research Award Fall 2015**. 04/2016.

**Best Paper Award** at ECOOP 2011. 07/2011.

**Thesis nominated** for the 2009 German Informatics Society Outstanding Dissertation Award. 01/2010.

**Fellowship for Prospective Researchers** from the Swiss NSF. 06/2009.

**Short-Term Research Grant** from ETH Zurich/IDEA League. 03/2008.

**Excellent Diploma Thesis Award** from the Austrian Computer Society OCG. 09/2004.

**Excellence Scholarship** from Salzburg University. 07/1999.

## Other Academic & Industrial Experience

**Faculty of Informatics at TU Wien**, Vienna, Austria. 10/2023 – 10/2023. Guest Professor.

**Karlsruhe Institute of Technology (KIT)**, Karlsruhe, Germany. 05/2023 – 08/2023. International Excellence Fellow at KIT.

**Google Canada**, Kitchener, ON, CA. 10/2018 – 10/2020, 11/2023 – 05/2024. Part-time consulting as a Visiting Faculty Researcher, remotely working with the Java team at Google.

**Google**, Mountain View, CA, USA. 01/2017 – 07/2017. Full-time Visiting Faculty Researcher working with the Java team at Google. University approved leave.

**Synapta Corporation**, Palo Alto, CA, USA. 10/2000 – 07/2001. Software Engineer.

**SBS Software Ges.m.b.H.**, Salzburg, Austria. 11/1997 – 09/2000. Software Engineer.

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## Professional Memberships

**Association for Computing Machinery (ACM) and SIGPLAN** professional membership since 07/2010.

**Professional Licensee Engineering (P.L.Eng.) (Non-Practising)** with the Engineers and Geoscientists BC since 05/2023.

**IFIP Working Group 2.4, Software Implementation Technology**. Observer since 12/2023.