



Bernd Malle

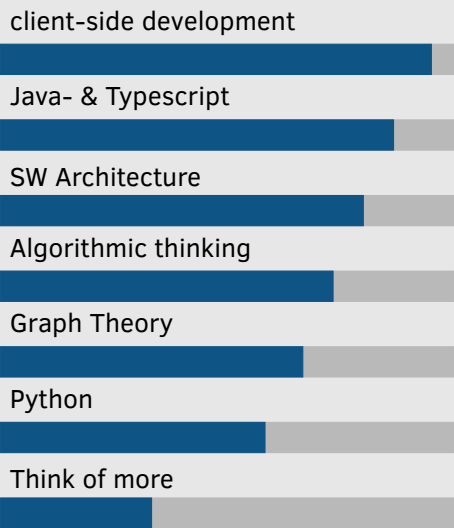
SW Developer

- 8 October 1979
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About me

Bernd is an enthusiastic Software guy interested in combining client-side (Web) development with algorithmic problem solving. He is currently applying his skills to creating Lemontiger, a next-generation team collaboration tool fueled by a graph-based resource recommender. Although Bernd left his academic work for entrepreneurial challenges, he retained a scientific mind-set and sound, experimental approach.

Skills



(*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

Interests

Experience

- 2016-2018 Member of the Austrian KIRAS funded project *Darknet*
- 2015-2018 IT Security Researcher @ (SBA) Research GmbH, Vienna, Austria
- 2016-2017 Supervised 2 BSc. theses and 1 MSc. project
- 2015-2016 Project Graphinius: An interactive graph exploration platform
- 2014-2018 Member of the HCI-KDD research group at Medical University Graz
- 2009-2014 Independent Software / Web developer on a contractual basis
- 2008-2009 Programmer at Siemens Medical, Graz, Austria.

Education

- 2016-2018 Ph.D. candidate in Computer Science TU Graz
Research in privacy-aware Machine Learning, ongoing
- 2014-2016 M.Sc. software engineering TU Graz
Thesis in *Graphinius - an online graph exploration platform*
- 2005-2014 B.Sc. software engineering & business administration TU Graz
Thesis in *graph extraction from image data*
- 2002-2005 Studies of Economics KF University, Graz
Special interest in political economics; not graduated
- 1999-2002 Abendmatura @ College of further education Graz, Austria
Specializing in mathematics and physics.
- 1997-1998 ITCP Information Technology Certified Professional Wifi Graz

Publications (first author)

- 2018 *The Need for Speed*. Comparison of JS vs. C++ -> (W)ASM
- 2017 *Interactive Anonymization for Privacy aware ML*
- 2017 *The more the merrier* - federated ML from local spheres
- 2017 *Do not disturb?* - classifier behavior on perturbed datasets
- 2016 *The Right to be forgotten*. ML on perturbed knowledge bases

Conference talks

- 2017 ECML - European Conf. on Machine Learning, Skopje, Macedonia
- 2017 CD-MAKE - ML and Knowledge Extraction, Reggio Calabria, Italy
- 2017 ARES - Availability, Reliability & Security, Reggio Calabria, Italy
- 2017 Security Forum Hagenberg, Linz, Austria
- 2016 ÖGAI (Austrian society for AI) Meeting , Klagenfurt, Austria
- 2016 ARES - Availability, Reliability & Security, Salzburg, Austria