Florian Moser
Msc ETH Computer Science
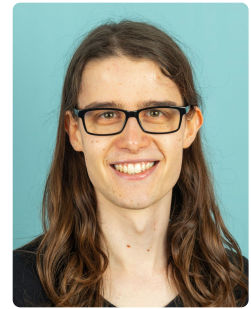
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Education

since Jul 2023	**PhD candidate in Computer Science, INRIA Nancy** Formal proofs for provably-secure internet voting
Sep 2019–Feb 2022	**Master of Science ETH in Computer Science, ETH Zurich** Focus on Information Security, Grade 5.61 (ranking: top 15%)
Sep 2015–Sep 2018	**Bachelor of Science ETH in Computer Science, ETH Zurich**

Work experience

since Jan 2018	**Developer & Scientist, famoser GmbH**
	Project Manager & Scientist in a research team of 9 for BSI Germany *StuVe: Mechanisms used in end-to-end verifiable internet voting.*
	Requirements Engineer & Enterprise Architect for University of Zürich *SWPr/URM/KundenDB: Streamline customer relationship management.*
	Scientific Reviewer (Computational Proofs) for Swiss Post AG *Swiss Post Internet Voting: Bring internet voting to the Swiss electorate.*
	Frontend Engineer (React) in a scrum team of 8 for Basler-Hofmann AG *Stratus: Plan value preservation and development of real estate.*
	Frontend Architect (Vue, Java) in a scrum team of 11 for BlueCare AG *BlueConnect: Organize patient communication in doctor's practices.*
	Full-Stack Architect (Symfony, Vue) for University of Zürich *Wahltool: Reduce effort and improve voter experience of internet voting.*
	Full-Stack Architect (Symfony, Vue) in a team of 3 for Bau-Apps GmbH *Baupen: Record defects and pending work on construction sites.*
Sep 2019–Sep 2020	**Board Member & Internal Affairs, VSETH**
Oct 2018–Jun 2019	**Professional Software Engineer, Zühlke AG**
Feb 2016–Dez 2017	**Project Manager & Developer, JKWeb AG**

Other

Languages	German (native; including Swiss German), English (fluent), French (fluent)
Proficiency in	PHP (Symfony, Slim), JavaScript (Vue, React, TypeScript), CSS, C#, Java
Contributions to	PHP, ApiPlatform, RavenDB, Swiss Post E-Voting, ProVerif, Arch AUR
Technical projects	pdf-generator (PDF writer with TTF processor and layout engine), VSCode ProVerif Language Server (semantic syntax highlighting, code navigation and more), Agnes (reproducible deployments and rollback)
Just for fun	Singing in classical choirs (Bass II), aerobics, swimming, cooking, sailing
Socials	github:famoser, linkedin:famoser, stackoverflow:florian-moser