

Florian Moser

PhD Candidate INRIA in Computer Science



Nationality: Swiss, Italian
Languages: German, English, French
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Education

- since Jul 2023 **PhD candidate, INRIA Nancy**
Supervised by Véronique Cortier and Alexandre Debant
Design of internet voting protocols. Definition and proof of security properties using computational and symbolic proofs. Systematization of knowledge and implementation pilots. Popularization of academic results to governments, administrations, election organizers and the general public.
Publications at ESORICS '24 and E-Vote ID '24.
- Sep 2019–Feb 2022 **Master of Science ETH in Computer Science, ETH Zurich**
Focus on Information Security, Grade 5.61 (ranking: avg. 5.3, SD 0.3)
Thesis: *"Swiss Internet Voting"*: An internet voting system based on code voting, in the model given by Swiss law, is proposed and proven secure.
- 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.
Scientific Reviewer (Computational Proofs) for Swiss Post AG
Swiss Post Internet Voting: Bring internet voting to the Swiss electorate.
Software Architect (PHP Symfony, JavaScript Vue/React)
Wahltool: Reduce effort and improve voter experience of internet voting.
Baupen: Record defects and pending work on construction sites.
Stratus: Plan value preservation and development of real estate.
- Oct 2018–Jun 2019 **Professional Software Engineer, Zühlke AG**
- Feb 2016–Dez 2017 **Project Manager & Developer, JKWeb AG**

Extracurricular Activities

- Sep 2019–Sep 2020 **Board member Internal Affairs of "VSETH"**
The umbrella organisation of all student organizations at ETH coordinates services and political representation at the university.
- 2016–2022 **Board member and Lecturer of "The Alternative"**
The student organization lowers the entry barrier to Free and Open Source Software such as Linux with teaching and technical support.