Florian Moser
Msc Computer Science ETH

Date of birth:	20 August 1995 in Basel, Switzerland
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Education

Since Jul 2023 — **PhD student in group PESTO, INRIA Nancy**
Supervised by Véronique Cortier and Alexandre Debant
Design of novel schemes with strong guarantees, under realistic security and usability assumptions, and of comparatively low complexity. Formally proven security properties using computational and symbolic proofs.

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.
Report: *"A Pairing-Based Identification Protocol for CHVote"*: The protocol is proven to be secure, but only under equal key size as other proposals.

Sep 2015–Sep 2018 — **Bachelor of Science ETH in Computer Science, ETH Zurich**

Work experience

since Jan 2018
full-time since 2022 — **Software Engineer & Scientist, famoser GmbH**
– Scientific review for Swiss Post AG
  Swiss Post Internet Voting: Review changes to the computational proof.
– 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 Baulink AG
  Baupen: Record defects and pending work on construction sites.

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.