

Katayoun Timme

Curriculum Vitae

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📄 <https://katayoun.timme.xyz>

Skills

Programming Swift, JavaScript, TypeScript, React, Python, Matlab, Simulink, LaTeX.
CI / CD Jenkins, Harness.
Other Tools JIRA, Confluence, Bitbucket, Git.
Soft Skills Moderating meetings, scrum, problem solving, clear and empathetic communication.
Languages German (native), English (C2), Farsi (A2), French (A2).

Work Experience

- Oct 2019 - **Senior Software Engineer**, *Chegg Inc.*, Berlin, Germany.
 - Present
 - Team lead for four software engineers
 - Architect and plan new mathematical features into functional server-side Swift code
 - Product owner
 - Communicate across different teams on three continents
 - Moderate and organize sprint refinement and sprint planning
 - Lead parts in hiring process
- Apr 2018 - **Math Developer**, *Chegg Inc.*, Berlin, Germany.
 - Oct 2019
 - Write functional server-side Swift code using test-driven development
 - Use techniques from formal methods such as proof, random property testing, and type-driven development
- Aug 2017 - **Internship**, *IAV*, Berlin, Germany.
 - Feb 2018
 - Develop a simulation software for a SCR catalyst with the use of a physical model and an extended Kalman filter
- Oct 2015 - **Mathematics Tutor**, *Technische Universität Berlin*.
 - Aug 2017
 - In charge of: tutorials, office hours, grading assignments and examinations
 - Students' level of education: Bachelor and Master in Engineering

Education

- Oct 2016 - **Master in Mathematics**, *Technische Universität Berlin*.
 - Feb 2018
 - Grade: 1.4 (very good)
 - Special field: Numerical Analysis, Optimization, Fluid Mechanics
- Oct 2012 - **Bachelor in Mathematics**, *Technische Universität Berlin*.
 - Oct 2016
 - Minor in Economics
 - Study abroad at University of Melbourne for one year