

# ZOHREH (ZOË) SADEGHI

## Software Engineer

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in in/zohrehsadeghi

z sadeghi

the girl who codes



## EXPERIENCE

### Researcher

#### University of Washington, Tacoma

Jan 2020 – Present

Tacoma, WA

- Member of the Cloud and Distributed Systems (CDS) Research Lab
- Working on a project to evaluate the performance of Firecracker

### Freelance Web Developer

#### Remote

Sep 2018 – Present

Kirkland, WA

- Actively working on a few web development projects (ES6, NodeJS)
- Honing my skills in using Ruby on Rails as a backend technology

### Coding Bootcamp

#### AppAcademy

May 2019 – Dec 2019

San Francisco, CA

- Accepted into one of the nation's best coding bootcamps having one of the lowest acceptance rates.
- Did multiple cycles of coding projects with tight deadlines
- Practiced teamwork, pair programming, agile development and cutting edge technologies

### Data Analyst & Java Developer

#### Amir Teb Bitá

Feb 2012 – Mar 2014

Amol, Iran

- Implemented an application to collect measurement metrics from lab equipment.
- Implemented a statistical model for recalibration of lab equipment, increasing equipment accuracy by 12% across the board.

### Resident Researcher

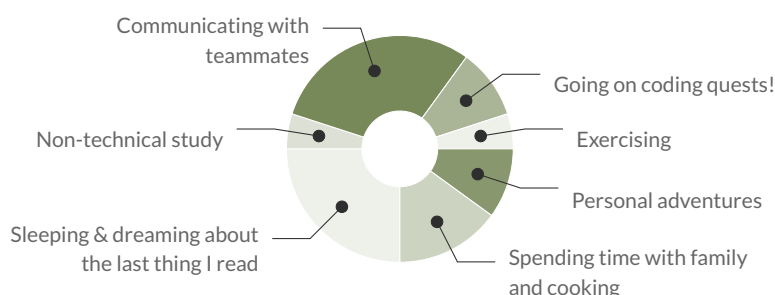
#### University of Mazandaran

Jan 2013 – Jan 2015

Babolsar, Iran

- Collaborated on several projects resulting in two published papers.

## A DAY OF MY LIFE



## ABOUT ME

I am a driven, self-motivated student, looking to expand my horizons by learning to build software the right way, as part of a bigger team. I am self-sufficient and thrive in ambiguity.

## NOTABLE SKILLS

Java Ruby JavaScript Bash SQL  
ES6 HTML5 CSS3

## FEATURED PROJECTS

- A Performance and Resource Isolation Evaluation of the Firecracker MicroVM** – Capstone project under the supervision of Dr. Wes. J. Lloyd.
- /pandora** Extensible distributed key-value supporting replication, multiple protocols, as well as Raft.
- /starbox** Web-based application for managing the websites of a chain of coffeeshops.
- /grizzle** A semantic search engine for the million song dataset.

## PUBLICATIONS

- The modified equation for spinless particles and superalgebra, Journal of Mathematical Physics, 2013
- Thermodynamics of Near-Extremal Solutions of Einstein-Maxwell-Scalar Theory, Springer, 2013

## EDUCATION

### M.Sc. in Computer Science and Systems

#### University of Washington, Tacoma

2016 – Present

### B.S. in Atomic and Molecular Physics

#### University of Mazandaran

2008 – 2013

## LANGUAGES

English  
Persian

