

# MOHAMMADREZA OSOULI

## Software Engineer

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Calgary - Canada

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## SUMMARY

A passionate programmer with more than 7 years of programming with various languages and architectures. Junior computer science master student at University of Calgary. Fast learner and curious about new technologies.

## WORK EXPERIENCE

### Software engineer - TAPSI

#### Expert back-end developer

Feb. 2020 - July 2021 Tehran Iran

TAPSI is the fastest growing mobile transportation platform in Iran.

- Experience of implementing real-time servers and micro-services with Node.js, Express.js.
- Experience of working with NoSql databases like mongodb and redis.
- Solving real world problems, handling concurrency issues and practicing different software architectures and design patterns.
- Experience of working in a big team (more than 50 developers).

### Software engineer - ASA

#### Expert Full-stack developer

Apr. 2019 - Oct. 2019 Tehran, Iran

At ASA company we developed a payment application which had online ticket and hotel booking too.

- Experience of implementing RESTfull server with Django.
- Experience of develop and implement cross-platform application with react-native.

### Software engineer - ESM

#### Junior Full-stack developer

Apr. 2018 - Mar. 2019 Tehran, Iran

Back-end and Mobile application developer at Irancell (MTN) bike-sharing application called "My Bike".

- Experience of implementing real-time servers with Node.js, Express.js and socket.io.
- Experience of develop and implement cross-platform application with react-native.

### Teaching assistant - University of Tehran

Sep. 2017 - Aug. 2021 Tehran, Iran

Teaching assistant of many courses such as **Basic programming, Advance programming, Data structures, Algorithm design, Artificial intelligence, Set theory, Automaton theory and Theory of computation.**

## EDUCATION

### M.Sc. (CS)

#### University of Calgary

Sep. 2021 - PRESENT

### B.Sc. (CS) - 3.55 GPA

#### University of Tehran

Sep. 2016 - 2021

### Secondary

#### Allame Helli highschool (NODET)

2012 - 2016

## ACHIEVEMENTS

- 14 place in Regional Contests of ACM-ICPC West Asia Region.
- 2nd place in 4th Sharif University CTF contest.
- Codeforces candidate master rank (handle : MamZi).

## TECHNICAL SKILLS

- JavaScript (node & react), Python (Django), C++, PHP
- PostgreSQL, MongoDB, Redis
- Linux, Git, Jupyter Notebook

## PERSONAL SKILLS

- Having Teamwork Qualities.
- Punctual.
- Comfortable Working Independently.
- Ability to take initiative to solve problems.

## HOBBIES

- Photography
- Playing video games.
- Hiking.
- Baking.

## LANGUAGES

- Persian (Native)
- English (Fluent)