

Farhad Makiabady

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Education

Edmonton, AB

University of Alberta

Sep 2015-Dec 2019

- **B. Sc. Specialization in Computing Science** – Science Internship Program
- Coursework: Web Development, Software Development, Intelligent Systems, Database Systems, Algorithms, Non-Procedural Programming Languages

Work Experience

Software Developer Co-op Student

City of Edmonton

May 2018-Dec 2018

- Web app development using Vue.js and Node to automate answering technical support questions from employees, achieving 20% reduced load on support staff
- Developed and contributed to custom IFTTT triggers using PHP for the Alberta's Emergency Service Response Team to send text messages when an area's inventory levels are low
- Transferred the city's Transit Security SharePoint site over to Google using Google App Script
- Helped build Edmonton's Smart City Challenge site with WordPress and customized it using CSS and JavaScript to meet client needs
- Worked in an agile environment with daily stand-up meetings

Founder

Minecraft Multiplayer Server

2011-2015

- Generated an income of \$30,000 - \$75,000 per year
- User count at peak hours reached 800-1000 players
- Used MySQL to connect and query players' data between multiple host servers
- Experience addressing bugs, errors, and development issues
- Research optimal outreach and growth methods through online advertisement channels

Lifeguard and Lead Swim Instructor William Lutsky YMCA (Edmonton, AB)

June 2012-Aug 2019

- Evaluated swim instructors, students and provide feedback
- Taught swimming to all ages, from toddlers to adults
- Monitored and provided direction and assistance to swim instructors
- Communicated with parents regarding their child's progress in lessons and dealing with difficult situations

Projects

Lagoon

- A Facebook-like social media website, that allows internal and external posts from outside sources (Github, Twitter, etc.)
- Technologies: Django, REST Framework, Heroku

<http://farhadm.com>

- A front end site to display my skills, resume and portfolio
- Technologies: React

Smores

- An Android application that tracks the user's habits/reminders. The application used Elasticsearch to query the database for the user and the user's friends.
- Technologies: Java, Android Studio, Elasticsearch

MatchCard

- The classic memory card game where the user must memorize the card's location and flip them over correctly when turned over
- Technologies: Python

Skills and Technologies

Languages	Web Application	Operating Systems	Tools	Other
<ul style="list-style-type: none">• Python• Java• C/C++	<ul style="list-style-type: none">• JavaScript• HTML5• CSS3• MySQL• PHP	<ul style="list-style-type: none">• Linux• Windows• MacOS	<ul style="list-style-type: none">• Git• Visual Studio• Android Studio• vim	<ul style="list-style-type: none">• Adobe Photoshop CS6• MS Office: Word, Excel, PowerPoint