

# Alireza Mosavi

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## Education

*B.S. Computing Science Specialization, University of Alberta*

## Experience

*Technik Creative - Software Developer*

- Created interactive websites using the HTML5/CSS/JavaScript front end stack
- Optimized user experience considerations using a PHP/MySQL back-end and porting it with a content management system to allow for seamless updates to website data
- Integrated several APIs to improve user experience by enabling location, scheduling, and instant messaging services

*Samsung Electronics - Samsung Innovation Agent*

- Represented Samsung as an ambassador at various tech events
- Managed sales and customers at events with product demonstrations
- Reported useful customer feedback for experience team

## Projects

- *URL Shortener, Creator - **JavaScript, Nodejs, MongoDB***: An application that Nodejs to handle requests and a MongoDB database to log requests and return a shortened URL link
- *MoodTracker, Contributor - **Java***: An Android application that utilizes social media as a platform for users to keep track of their mental health by posting updates and sharing them to their profiles.
- *MapReduce, Creator - **C++***: An intuitive C++ library used to optimize multithreaded programs and scale large data processing using the POSIX compliant PThreads library.

## Skills

- Programming/Scripting Languages: Python, Java, C/C++, CUDA, Assembly, SQL
- Frameworks and Tools: Git, TravisCI, Android Studio, FireBase, ElasticSearch, UNIX Environment, Windows Integrated Development Packages

## Coursework

Introduction to Computing, Computer Organization and Architecture, Algorithms I, File and Database Management, Introduction to GPU programming, Introduction to Software Engineering, Operating System Concepts, Information Systems Security, Operations Management