

SAAD AHMED

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EDUCATION

Master of Science Bioinformatics, Western University
Applications of Support Vector Machines and LSTM Neural Networks
in predicting protein interactions.
Expected graduation by April 2017

Bachelor of Science Honors Specialization in Bioinformatics, Western University
Dean's Honors List 2011-2015. Western Gold Medal, 2015

RELEVANT SKILLS

Languages Java, Python, C, C++, Swift, Matlab/Octave, JavaScript, HTML/CSS, SQL, Bash

Tools and Technologies Android SDK, iOS SDK, MEAN stack, TensorFlow/Keras

RECENT PROJECTS

Hack Western Developed official Android and iOS apps for school hackathon.
Included Maps, schedules and push notifications. 400+ downloads.
Developing and maintaining website and infrastructure as team Tech Lead this year.

EXPERIENCE

Software Engineer Intern - GOOGLE (MOUNTAIN VIEW)

May 2016 - August 2016

- Implemented a feature in the Live Channels App (Android TV Platform)

Software Engineer (iOS development) Intern - RACEROSTER

May 2015 - August 2015

- Created iOS app using Swift, on a team of 4 interns - Activity tracker with newsfeed, chat, and achievements
- Developed activity tracking functionality - Timing and GPS-mapping of runs, calculating live stats, music playback

Student Researcher - WESTERN UNIVERSITY

May 2014 - August 2014

- Received a \$4,500 national research grant to work on a project under a faculty supervisor
- Optimized a lossless image compression algorithm which can compete with modern standards

ACM International Collegiate Programming Contest - WESTERN UNIVERSITY

September 2013 - Current

- Selected to represent school on 3 man team, 2013-2015
- 8th place in regional competition, 2015
- Team coach, 2016

Student Developer/Research Assistant - GRAHN LAB, WESTERN UNIVERSITY

January 2012 - September 2015

- Programmed an Audio-Visual experiment for the Psychology department using Java
- Developed data processing pipelines and automated tasks using MATLAB and Python scripts