SAAD AHMED

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EDUCATION

Master of Science	Bioinformatics, Western University
	Applications of Support Vector Machines and Convolutional, Long-Short Term Memory (LSTM) Neural Networks in predicting protein-protein interactions. Graduated April 2017.
Bachelor of Science	Honors Specialization in Bioinformatics, Western University
	Dean's Honors List 2011-2015. Western Gold Medal, 2015

RELEVANT SKILLS

Languages	Python, Java, C, C++, Swift, Matlab/Octave, JavaScript, HTML/CSS, SQL, Bash
Tools and Technologies	TensorFlow/Keras, Android SDK, iOS SDK, MEAN stack, Git, Linux/Windows

RECENT EXPERIENCE

Software Engineer - MICROSOFT

July 2017 - Current

· Developing and maintaining Windows networking services as part of the core networking team, in C++.

Software Engineer (Android TV) Intern - GOOGLE (MOUNTAIN VIEW)

May 2016 - August 2016

· Implemented a feature in the Live Channels App (Android TV Platform)
· Android SDK for the front-end; Java-based libraries and technologies for the server-side component.

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

HackWestern Tech Lead - WESTERN UNIVERSITY

September 2015 - December 2016

· Developed official Android and iOS apps for school hackathon in 2015. 500+ downloads.
· Developed and maintained website and infrastructure as tech lead in 2016.

ACM International Collegiate Programming Contest - WESTERN UNIVERSITY

October 2013 - October 2016

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

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 in C++ which can compete with modern standards