

SAAD AHMED

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EDUCATION

Master of Science	Bioinformatics, Western University A Machine Learning approach (SVMs) to predicting protein interactions Expected graduation by December 2016
Bachelor of Science	Honors Specialization in Bioinformatics, Western University Dean's Honors List 2011-2015. Western Gold Medal, 2015

RELEVANT SKILLS

Languages	Java, C/C++, Python, Swift, Matlab/Octave, JavaScript, HTML/CSS, Bash
Courses	Data Structures, Analysis of Algorithms, Machine Learning (Coursera) Biological Computing, Networks, Discrete Math, Theory of Computation

RECENT PROJECTS

HackWestern Apps	Official Android and iOS apps for event. Includes maps, schedules, push notifications, and mentor contact information
Ray Tracer	Written in C. Includes diffuse/specular lighting components and shadows

EXPERIENCE

HackWestern Organizer (Technology) - Western University

September 2015 - November 2015

- Made official iOS and Android event apps for keeping students organized and updated
- Made regular changes and updates to website
- Conducted 2-hour long tutorial session on Intro to iOS Development

Software Engineer (iOS development) Intern - RaceRoster

May 2015 - August 2015

- Created an iOS app in Swift - Activity tracker with a social media aspect

Student Researcher - Western University

May 2014 - August 2014

- Awarded NSERC Grant
- Worked on lossless image compression algorithm which can compete with modern standards

ACM International Collegiate Programming Contest - Western University

September 2013 - Current

- Represented school in competition from 2013 to 2015
- 8th place in regional competition, 2015

Student Developer/Research Assistant Grahn Lab, Western University

January 2012 - Current

- Created scripts to analyse data and automate tasks within the lab
- Programmed an Audio-Visual Experiment for a psychology research test