

SAAD AHMED

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EDUCATION

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|----------------------------|---|
| 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

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| 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

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| Study Buddy | App that allows students to create and join study groups on campus based on course and program similarities |
| OpenHackathon | Open source iOS app for keeping hackathons organized. Includes maps, schedules, push notifications, and mentor contact functionalities |
| Ray Tracer | Written in C. Includes diffuse/specular lighting components and shadows |

EXPERIENCE

Executive of Technology - *HackWestern*

September 2015 - Current

- Creating official iOS and Android hackathon apps for keeping students organized
- Making regular changes, updates, and bug fixes to website

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 - *University of Western Ontario*

May 2014 - August 2014

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

Student Developer/Research Assistant *Grahn Lab, University of Western Ontario*

January 2012 - Current

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

ACM International Collegiate Programming Contest - *University of Western Ontario*

September 2013 - Current

- Represented school in competition from 2013 to 2015