

SAAD AHMED

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EDUCATION

Master of Science	Bioinformatics, University of Western Ontario expected graduation by Winter 2016
Bachelor of Science	Honors Specialization in Bioinformatics, University of Western Ontario Dean's Honors List 2011-2015, Western Gold Medal, 2015

RELEVANT SKILLS

Languages	Java, C/C++ Python, Swift, Matlab, JavaScript, LaTeX, HTML/CSS
Courses	Data Structures, Analysis of Algorithms, Software Engineering Biological Computing, Networks, Discrete Math, Theory of Computation

RECENT PROJECTS

Study Buddy	Allows students to create and join study groups on campus based on courses Hack the North submission
IRC Client	Functional IRC client written in C. NCurses library for GUI
Ray Tracer	Written in C. Modifiable scene. Diffuse/specular lighting. Shadows

EXPERIENCE

Software Engineer (iOS development) Intern - *RaceRoster*

May 2015 - August 2015

- Using Swift to create an iOS application

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 - Present

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

Media and Technology Executive *Paper Art Club, University of Western Ontario*

September 2012 - April 2013

- Redesigned, programmed and maintained club website
- Responsible for re-branding of club and advertising events through posters and social media

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

September 2013 - December 2014

- Competed in and represented school in 2013 and 2014. Solutions in Java and C++