

# SAAD AHMED

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## EDUCATION

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

## RELEVANT SKILLS

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

## RECENT PROJECTS

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

## EXPERIENCE

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### **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++