



# SAKSHAM AGGARWAL

## MECHANICAL ENGINEERING - UNDERGRADUATE

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### ME

Inquisitive and passionate student seeking the UX Researcher position at Boltmade. He's ready to dive into unfamiliar territory and explore it with the rest of the team.

### SKILLS

**SOFTWARE** Photoshop, Illustrator, Dreamweaver, Audition, AutoCAD, Solidworks, Sony Vegas, GitHub

**LANGUAGES** Java, C, C++, Turing, HTML, CSS Javascript/JQuery, PHP

### HOBBIES/INTERESTS

- Waterloo Rocketry (Design Team)
- Formula One Motorsports (Design Team)
- Reading (Currently : The Dark Tower)
- Pixel/Vector Art
- Writing
- Math/Physics Contests

### EDUCATION

- Candidate for Bachelor of Applied Sciences at the **University of Waterloo**
- Graduated from Honours Maths, Science and Computer Science program at **William Lyon Mackenzie C.I.**

### EXPERIENCE

#### Chief Technology Officer - Target Alpha

Sept. 2016 - Jun. 2017

- **Created** [www.targetalphacanada.ca](http://www.targetalphacanada.ca)
- Provide continued maintenance and development of bug fixes and patch sets for website, gained **eye for detail** and **design**
- Monitored and filtered all company emails

#### Web Scraper - iRestify

Aug. 2017 - Sept. 2017

- Combined **Java** and **HTML** savvy to quickly and **efficiently** extract data from online databases
- **Punctual** and **organized** throughout tight deadlines

#### Instructor - Institute of Robotics and Intelligent Systems

Aug. 2016 - Jan. 2017

- **Taught lessons** to small classroom on how to utilize technologies such as **Lego Mindstorms**, **VEX Robotics** and **Arduino**
- **Collaborated** in revision of curriculum

#### Learning Executive - Computer Programming Team

Sept. 2016 - Jun. 2017

- **Taught weekly lessons** to roughly **50 high school** computer science students
- Content ranged from basic algorithms to graph theory and dynamic programming
- Worked one-on-one with struggling students to better understand more difficult concepts
- Managed and **coordinated** team to create clear and organized lessons