



SAKSHAM AGGARWAL

MECHANICAL ENGINEERING - UNDERGRADUATE

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ME

Inquisitive and passionate student that loves to dive deep into his work. He's detail oriented and could convince you the sky was green with his communication skills. He'd love to work with you.

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
- 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