

Jhanvi Shah

1A Computer Engineering Student

Phone: 647-974-4370 • Email: j45shah@uwaterloo.ca • Github: <https://github.com/Jhanvi21>

Skills

Programming Languages: Java, C++, HTML/CSS
3D Modelling Software: Autodesk Inventor, Sketch Up, Altium
Graphic Design Software: Photoshop, Illustrator, Flash Animation

Work Experience

Jan. 2021 – Apr. 2021 **Website Migration Support Intern**
Waterloo ON – University of Waterloo, Dean of Engineering

- Evaluated information collected from Google analytics and SiteImprove to analyze behaviour flow and implement changes on a UWaterloo site
- Restructured Faculty of Engineering site by managing and recreating content in over 1000 pages for improved user flow and experience
- Identified and eliminated website bugs, improve website routing, and conducted alpha testing on new Drupal 8 content management system

Jun. 2019 – Aug. 2019 **Junior Field Technician Trainee**
Brampton ON - Orbit Engineering Ltd

- Performed lab work by applying technical skills and operations knowledge while adhering to safety protocols.
- Analyzed survey reports, maps, and other topographical and geologic data to effectively continue plans for testing and construction projects.
- Inspected project sites to monitor progress and adherence to design specifications and safety protocols.

Extracurricular Experience

Jan. 2021 – Present **Electrical Sub Team Second-in-Command**
Waterloo ON – Waterloo Formula Electric

- Designed a high-level electrical diagram and state machine diagram of Engine Control Unit
- Constructed a new charge cart unit PCB on Altium to improve safety measures in place and organize the communication between different systems

Jun. 2018 – Jun. 2020 **Sci-Tech Academic Development Committee Chairwoman**
Brampton ON - Chinguacousy Secondary School

- Orchestrated annual functions, including Chinguacousy's Sci-Tech Open House and PDSB's hackathon, Wolfhacks, through scheduling, marketing, budgeting, and event management.
- Oversaw and managed onsite team of 30-50 people, including supervisors, audio-visual technicians, volunteers, sponsors, and committee members.
- Adjusted job assignments and schedules to keep up with the fast pace and dynamic event needs, factoring in processes, member's knowledge and participant demands.

Education

Sept. 2020 – Jun. 2025 **University of Waterloo**
Candidate for Bachelor of Applied Science, BAsC, in Computer Engineering

Jhanvi Shah

First Year Computer Engineering Student

Dear Recruiter,

I am currently a first-year computer engineering student at the University of Waterloo. I am hardworking, dedicated, and ready to explore new learning opportunities. My academic and project-based learning experiences throughout high school and university have allowed me to develop strong skills involving Java, C++, Autodesk Inventor, Illustrator, and more.

During my last co-op, I worked with the University of Waterloo as a website migration intern. My goal during this work term was to restructure the Faculty of Engineering site to make it more user friendly, make information more easily accessible, and prepare it for the layout that the university would be adapting once a new site managing platform launches. I spent the first month of my co-op collecting analytic data and examining the behaviour flow of my audience. Using this data, I was able to restructure the navigation menu and go through over 1000 pages on the site. I removed pages with outdated and unnecessary data, added missing information to pages, and created layouts more visually appealing. Throughout this process, I presented my proposed changes to several key stakeholders, diligently kept track of my changes, and collaborated with co-workers. By the end of the term, a better and more organized version of the site was launched. I also took initiative to participate in other outreach events such as being a panelist for admission webinars and helping with the alpha testing of the new platform. My experience at this co-op has given me a taste of the demands and fast pace of an engineering work environment. I will be able to use the same dedication, communication, and independent self learning that I used at UWaterloo when working with you.

Another valuable experience I had was as chairwoman the SciTech Academic Development Committee (SADC) where, as a group of 25 individuals, we would coordinate events to promote and advocate for the SciTech program and all STEM based learning. One of the events that we planned was PDSB's second annual hackathon, Wolfhacks, where I oversaw registration activities, run of the day schedule, and several other administrative duties. Later in the year, after being voted in as chairwoman by my peers, I took on even more responsibility by coordination with sponsors, drafting proposals, and ensuring that my teams was effectively communicating by openly discussing all decisions and concerns. My experiences as a leader for SADC allowed me to develop my decision-making skills, enhanced my ability to see the big picture while remembering the little details, and expanded my understanding of what it means to work as a team to accomplish a common goal. I also managed to uphold my academic standings and other extracurricular commitments while giving SADC the attention it deserved by perfecting my time management and organizational skills.

I look forward to discussing in farther detail the contributions that I can make by joining your team. Feel free to contact me through my phone number, (647) 974-4370, or my email, j45shah@uwaterloo.ca.

Best regards,



Jhanvi Shah