Justin Thomas

Computer Science Undergraduate

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I am a third-year Computer Science student seeking a 2021 co-op/internship in the technology field in order to gain valuable real-world experience. I have a passion for learning new technologies and have taken on multiple roles in the past that have required responsibility, teamwork and leadership skills. Knowledgeable about several programming languages and best practices.

Education

Bachelor of Computer Science
Ontario Tech University (UOIT)
09/2018 – present

Achievements
• Award of Recognition Scholarship
• Recognized on President's list

Relevant Courses Taken: Data Structures & Algorithms, Analysis & Design of Algorithms, Programming Languages, Scientific Data Analysis, Software Systems & Analysis, Software Design & Integration, Collaborative Leadership, Technical Communications, Mobile Devices.

Currently Enrolled in: Machine Learning Theory and Application, Computational Science I, Computer Graphics and Visualization, Compilers, Web Application Development.

Relevant Experience

Application Developer
9/2020 – 12/2020 // OTU (UOIT)

• Worked in a team to develop and program a comprehensive organization app using JavaFX while using an agile software development approach.
• Communicated effectively with teammates to build and debug an intuitive user interface and provided a variety of features such as a password manager, mail and messaging.

Student Ambassador
9/2019 - 2/2020 // OTU (UOIT)

• Attended seminars and workshops to enhance interpersonal skills for improved communication with students.
• Assisted in creating learning activities for new computer science students and helped teaching assistants with correct installation of student's software.

Peer Leader
9/2019 - 2/2020 // OTU (UOIT)

• Demonstrated leadership and mentorship skills when assisting and guiding first year science students.
• Provided insightful information to students regarding various school programs and opportunities in computer science.

Student Tutor
11/2016 - 1/2018 // St. Brother André High School

• Assisted in teaching younger students core school subjects including mathematics and English.

Skills

Programming Experience
Java, Python, C++, HTML, CSS, JS

Data Analysis
NumPy, Matplotlib, MATLAB, PostgreSQL

Dev Tools & Libraries
Visual Studio, Git, GitHub, Netlify, Firebase, Flutter, Bash, Jupyter, MongoDB, Node.js, Vue, jQuery

Office & Design
MSOffice, G-Suite, InDesign, XD, Figma

Languages
English, Tamil

Projects

Portfolio Website
Designed and deployed my personal website using HTML, CSS and JavaScript.

Homebase
Developed a comprehensive productivity application using Flutter and incorporated the use of cloud storage, HTTP requests, maps and notifications.

Blockchain Simulation
Built a blockchain system simulation using JavaScript and Angular which uses the fundamentals of blockchain to represent cryptocurrency transactions.

Face Mask Detection
Developed a real-time object detector built using TensorFlow, Keras and Python designed to determine if a person is wearing a face mask.

Extracurriculars

Soccer, Biking, Computer Science club, Taekwondo

Interests

Machine Learning, UI/UX Design, Data Science, Front-End Development, Finance