







Suyeon Park

Computer Engineering | University of Toronto

CONTACT

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EDUCATION

2022 - 2026
University of Toronto
Computer Engineering
Faculty of Engineering and Applied
Science

2018 - 2022
St. Francis Catholic
Secondary School

SKILLS

Computer proficiency:

- Microsoft Office
- Google G Suite

Programming:

- C/C++
- Python
- JavaScript, html, css, php, React
- Verilog
- SQL
- Git
- MATLAB
- PyTorch, TensorFlow

Graphic skills:

- Adobe (graphic desing)
- Blender (3d modelling)
- Illustration softwares

LANGUAGES

- English
- Korean

WORK EXPERIENCE

May - Aug 2023

IT Project Assistant | Ontario Ministry of Transportation

- Edited MyEOIS government website for error-free content and smooth user experience using Azure DevOps, WordPress, Git, and Docker
- Won the Integrated Application Support Team (IAST) logo design contest
- Improved user engagement by visualizing the Release Management of the IAST Dashboard
- Developed an AI-based resume sorting system, deploying it as a website to streamline recruitment and enhance candidate evaluation, using TensorFlow, JavaScript, and React

RELEVANT EXPERIENCE

May 2023 - Current

FPGA Game Dev: Dance of Beavertail | UofT ECE241 - Digital Systems

- Created a hardware-programmed video game using FPGA and VGA display technology
- Implemented dynamic image transitions for the game characters by managing image memories
- Developed functional code to manage datapath, controlpath, and memory for FPGA inputs/outputs, including switches and the 7-segment display
- Utilized Logism for Verilog code simulation and Quartus for implementation onto FPGA hardware.

May 2023 - Current

Vice-President Finance Secretary | University of Toronto Engineering Society

- Developed a bot using Google App Script written in JavaScript that automates the extraction of relevant data from budget applications and efficiently embeds it into our budget-tracking system
- Evaluated funding applications and make fair decisions regarding their approval or rejection
- Implemented budgets for a year, ensuring proper allocation of funds for various activities and events, such as project directorships, conferences, and special projects

Feb 23 - 24, 2023

Toronto Health Datathon | Google

- Won 2nd place in the competition
- Utilized linear regression analysis in Python to create a machine learning algorithm that predicts a patient's race/ethnicity based on the difference between SaO2 and SpO2
- Learned about the biases in AI/ML in medical fields from healthcare leaders and how to utilize them

Jan - Apr 2023

Project Manager | UofT APS112 - Engineering Strategies & Practice II

- Managed the project, "Optimization of Flow for Ambulatory Patients in an Emergency Department of Sunnybrook Hospital" in Toronto, Ontario
- Defined the scope and establish a detailed plan for the successful implementation of the project
- Delegated tasks to team members and ensured all deadlines are met with appropriate decisions
- Designed a prototype that sent alert messages to staff when the carts are empty of medical supplies

Jan - Apr 2023

EWB Researcher | Engineers Without Borders

- Involved in the EWB SEJ Community Partnerships Project as a researcher
- Researched environmental issues and the way people easily participate in city advocacy to disseminate current world issues
- Raised environmental awareness in the community and encouraged students to participate in the movement by introducing easy steps to improve the environment using social media