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Education

University of Toronto St. George Campus

Toronto, ON

B.E. IN ENGINEERING SCIENCE, MAJOR IN MACHINE INTELLIGENCE

Sep 2019 - Apr 2020

Relevant Courses: Classical Mechanics, Structures & Materials, Praxis I, Engineering Mathematics & Computation
 Computer Programming, Molecules & Materials, Fundamentals of Electric Circuits, Computer Algorithms & Data Structures.

University of Toronto St. George Campus

Toronto, ON

B.A.Sc. in Industrial Engineering, Major in Artificial Intelligence and Machine

Sep 2020 - Apr 2024

• Relevant Courses: Modelling with Differential and Difference Equations, Engineering Economics and Accounting, Psychology For Engineers Statistics, Human Centred Systems Design, Operations Research II: Deterministic OR, Operations Research II: Stochastic OR.

Experience

ASML Taoyuan City, Taiwan

INFORMATION TECHNOLOGY SUMMER INTERN

June 2020 - September 2020

- Assist service desk engineers in handling request and trouble shooting issue
- Meeting with staff to provide one-on-one technical assistance as needed or requested.
- Lend IT support in areas such as cybersecurity, programming, analytics, and data center management

Projects

PRAXIS I BETA RELEASE: IMPROVING STUDENT EXPERIENCE ON ST. GEORGE STREET

- As a team lead, led a group of four engineering students in determining a solution to the traffic problem on St. George Street in terms of safety, usability, and accessibility.
- · Assisted with CADing of the conceptual design: Sidewalk Barriers.

PRAXIS II SHOWCASE: IMPROVE THE LIVED EXPERIENCE FOR THE DEALER AT 401 DIXIE NISSAN

- Implement a design that can help the dealer at 401 Dixie Nissan to minimize time locating a car.
- As a project manager, managed and planned the team's work progress and responsible for team communication as well.
- The whole showcase requires us to refine the current conceptual designs into ever-more detailed engineering design specifications.
 This process of refinement requires that the engineering designer continues to make decisions in a structured, rigorous, engineering way.

DATA MODELLING: IMPROVE AN EXISTING BREWERY'S PRODUCTION PROCESS

- Coded a data model to demonstrate brewery production process in Python.
- A group of three engineering students were tasked to improve the existing model by introducing randomness and optimize the production process.

Skills

Programming Python, Java, MATLAB, C++, R-Language

CAD AutoCAD, Google sketch-up

Tools LateX, Microsoft Office, Final Cut Pro

Languages English, Mandarin

Awards

University of Waterloo: Canadian Senior Mathematics Contest

- School Champion 2018-2019
- · Certificate of Distinction 2017-2018

ACADÉMIE STE CÉCILE INTERNATIONAL SCHOOL ATHLETICS: BOYS BASKETBALL

- Spirit Award 2018-2019
- Coach's Award 2017-2018