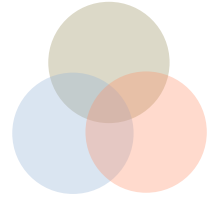




Vivian Dai
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education_

Cornell University, Bachelor of Science @ College of Engineering

Class of 2023

Major: Computer Science

GPA: 4.09 (*Dean's List*)

Martingrove Collegiate Institute, Ontario Secondary School Diploma

Class of 2019

Rank 1/275 in Grade 11 (97.4%) & Grade 12 (96.0%)

Awards: 1st Place Proficiency Award – Ontario Scholar – Honor Roll

experience & involvement_

Cornell Electric Vehicles, *Software & Operations*

october 2019 to present

Implement computer vision system using PIXOR and collected lidar data.

Develop new team recruitment and sponsorship website using HTML/CSS/React.

Design graphics for official rebranding using Adobe Illustrator.

Cornell University, *Research Intern*

april 2020 to present

Contributed to development of DAHLIA, a High-Level Synthesis programming language for generating FPGA designs, utilizing the Coq theorem prover.

University of Toronto, *Research Assistant*

summers 2017 and 2018

Analyzed SEM and spectrophotometer data via Data Stream.

Contributed to bi-weekly research group discussion in collaboration with graduate students & professors.

skills_

python. java. html. css. ocaml. react. coq.

object-oriented programming. data structures. microsoft office. adobe creative suite.

relevant coursework_

Object-Oriented Programming & Data Structures (Java). Intro to Computing (Python).

Discrete Structures. Multivariable Calculus. Operations Research.