Jason Deng

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https://jdeng1040.github.io./

Education

University of Michigan, BS in Computer Science | Ann Arbor, MI   August 2020 - May 2024
- Relevant Coursework: Elementary Programming Concepts (EECS 183)
- GPA: 3.8

Toronto French School, Bilingual IB Diploma | Toronto, ON   September 2016 - May 2020
- GPA: 92%

Skills

Technical: C++ | HTML | CSS | Python| Javascript | Git
Languages: English | French | Mandarin

Personal/Coursework Projects

SecureRecipe (HTML/CSS, Javascript, Bootstrap)
- Developed a web application with Spoonacular API that shows food recipes based on keyword search, ingredients, and diet restrictions.

Introduction to Programming (EECS 183, C++, Python)
- Elevators game | Implemented a game where a player operates elevators. Gained experience using multiple classes, and parsing strings with stringstream.
- 0hh1 AI | Created an AI that can solve the board based game 0hh1 using 2-dimensional array algorithms and designing programs with many layers of function calls.

Experience

Undergraduate Researcher | Ann, Arbor, MI   October 2020 - Present
- Researched academic papers and contacted Big Ten universities to understand more about AP/IB credit granting policies.
- Used the BeautifulSoup Python Library to extract data on AP and IB guidelines in an automated way from 3 university websites.
- Currently analysing if AP/IB credits translates into a college course credit or a departmental credit based on the data from AP and IB guidelines.

Operations Associate Intern | Toronto, ON   July 2020 - August 2020
- Assisted in the operations of the Brightview Collaborative Remote Internship Program.
- Improved the structure and efficiency of the program by editing the work log, creating an application profile, revising 2 survey questionnaires, and delivering a final report.

Activities

- **MProduct - F20 Cohort Member** | Developed skills of a product manager and discovered upcoming technologies within a collaborative community