

Jason Deng

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<https://jdeng1040.github.io/>

Education

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- University of Michigan, BS in Computer Science** | Ann Arbor, MI August 2020 - May 2024
- Relevant Coursework: : EECS 280 Programming and Data Structures (currently enrolled), EECS 203 Discrete Math (currently enrolled), EECS 183 Elementary Programming Concepts
 - 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 | Flutter
Languages: English | French | Mandarin

Personal/Coursework Projects

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- Food App (Flutter, Firebase)**
- Currently developing on a cross-platform mobile app for selling unused food to reduce waste.
- 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)**
- 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

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- 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 whether 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 internship program and 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

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