

Enoch Chen

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Education

Cornell University

B.A. IN COMPUTER SCIENCE | MINOR IN PHILOSOPHY

- Relevant Coursework: Object-Oriented Design and Data Structures (Honors), Discrete Structures, Linear Algebra

Ithaca, NY

May 2023

Skills

Technologies React, Flask, Django, HTML5

Programming Languages Java (15000+ lines), C# (10000+ lines), Javascript (5000+ lines), Python (500+ lines)

Languages English, Chinese

Experience

Cornell Design and Tech Initiative

FULL STACK DEVELOPER

- Develop the backend of “cue”, a mobile app for discovering events at Cornell, using React, Django, and PostgreSQL.
- Implemented a backend interface for importing and processing event data from both a web scraper and user-generated files.

Ithaca, NY

Sept. 2019 - PRESENT

FIRST Robotics Competition, Great Neck South High School

PROGRAMMING LEAD

- Programmed various robots in Java for competition and local community outreach events.
- Optimized robot movement through PID control and real-time visual processing.
- Hosted programming workshops for current and prospective team members.
- Contributed to consistent competition performance, leading the team to qualify for the FIRST Championship (Worlds) two seasons in a row.

Great Neck, NY

Sept. 2017 - May 2019

Programming Club, Great Neck South High School

CO-PRESIDENT

- Coordinated school-wide events such as the Hour of Code to introduce students to programming.
- Partnered with the Girls Who Code organization to encourage women to pursue programming.
- Organized student trips to hackathons.

Great Neck, NY

Sept. 2017 - May 2019

Community Church of Great Neck

VOLUNTEER

- Coordinated weekly service slideshow presentations with various church subcommittees.
- Managed an in-house server for data synchronization and archival.

Great Neck, NY

Oct 2016 - Aug. 2019

Side Projects

AskPalette - BigRed//Hacks (Hackathon)

SOLO DEVELOPER

- Developed a web tool that generates a color palette from a given search query using Google App Engine and Flask.
- Integrated Google Cloud ML Engine to analyze queried search terms and produce appropriate colors.
- Designed a cache system to avoid unnecessary API calls.

Sept. 2019

HalfBotHalfBrain - TeenHacksLI (Hackathon)

DEVELOPER

- Developed a tool to analyze input text and generate a grammatically valid variation of given text using a React frontend and Flask backend.
- Created an interface where user can enter custom text and view the generated result.

May 2019

Legends of Code and Magic - Competition

CONTESTANT

- Designed an AI in Java to play a digital strategy card game.
- Implemented an efficient game model to use with Monte Carlo tree search.
- Placed 81st out of over 1000 competitors.

July 2018 - Sept. 2018

QMK Firmware

OPEN SOURCE CONTRIBUTOR

- Implemented Bluetooth functionality for the HHKB keyboard model.

July 2018