

# Enoch Chen

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## Education

### Cornell University

B.A. IN COMPUTER SCIENCE | MINOR IN PHILOSOPHY

Ithaca, NY

Expected May 2023

- Relevant Coursework: Object-Oriented Design and Data Structures (Honors), Discrete Structures, Functional Programming

## Skills

**Technologies** ReactJS, Gatsby, NodeJS, Firebase, Git, Github Actions, Travis CI

**Languages** Java, C#, Javascript, Python, OCaml

**Communication** English, Chinese

## Experience

### Cornell Design and Tech Initiative

Ithaca, NY

FULL STACK DEVELOPER

Sept. 2019 - PRESENT

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

### Cornell University

Ithaca, NY

TEACHING ASSISTANT

Jan. 2020 - PRESENT

- Hold office hours and grade assignments for students.
- Course: Trends in Web Development

### FIRST Robotics Competition, Great Neck South High School

Great Neck, NY

PROGRAMMING LEAD

Sept. 2017 - May 2019

- 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.

## Side Projects

### Ask Palette - BigRed//Hacks

Sept. 2019

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.

### Half Bot Half Brain - TeenHacksLI

May 2019

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.

### Legends of Code and Magic - Competition

July 2018 - Sept. 2018

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 81<sup>st</sup> out of over 1000 competitors.

### QMK Firmware

July 2018

OPEN SOURCE CONTRIBUTOR

- Implemented Bluetooth functionality for the HHKB keyboard model.