Eric Chen

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EDUCATION

May 2024   **Stony Brook University – Stony Brook, NY**   GPA: 3.7/4.0
B.S in Computer Science
B.S in Applied Mathematics & Statistics

SKILLS

Programing Languages	**Other Skills**
• Java	• Proficient in MongoDB
• Python	• Proficient in Microsoft Word
• Swift	• Excellent Communicator

EXPERIENCE

iOS Front-End Developer, HKP Solutions – Durham, NC   December 2020 – May 2021
- Actively worked on iOS app development of the HKP mobile app through backend integration and frontend design.
- Improved app design and function by organizing and adding more functionality such as creating "reset user preferences" and "Reset password" screens, new button styles,
- Connected the backend API to the frontend iOS app from ground up.
- Helped a group of developers create demo app.

Product Designer/Developer, Vertically Integrated Projects – Stony Brook, NY   August 2020 - Present
- Led a group of students through the task of creating a brand-new application that will be used to serve as an Artificial Reality map for university campus.
- Created design schemes and screens for a university campus map.

PROJECTS

KAYLE – A.I Discord Bot - Python   March 2021 – Present
- An A.I discord bot with the ability to talk to users, remember specific individuals, monitor servers, and even collect information and store them in a database.

Car Intersection Simulator – Simulator - Java   March 2021
- Uses data such as car arrival probability and traffic light timing to simulate a car intersection.
- Calculated the average wait time and average car passes.

NEO Viewer – Program – Java   June 2021
- Uses NASA Near Earth Object (NEO) API to locate all NEOs and display then in a list
- Sorts by customized details such as diameter and date.

ZORK – Game – Java   May 2021
- Uses .txt files to create a 'choose your own' adventure.
- Utilizes trees to simulate choices.

Achievements

- Dean's List
- AP Scholar