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

Programming Languages: Java, Python, Swift, MIPS
Other Skills: Excellent communicator and organizer, Teammate, GitHub, MongoDB, Davinci Resolve (Video Editing)

EXPERIENCE

Product Designer/Developer, SBUMAPS – 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.

Youth Employment Services, Queens Community House – New York City, NY   July 2021 – August 2021
- Worked with over 50+ worksites including New York Hall of Science and Queens Museum to participate in SYEP.

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 such as new screens and button styles
- Connected the backend API to the frontend iOS app from ground up.
- Helped a group of developers create demo app.

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.
- Utilized MongoDB to store user and server settings.
- Used by 6+ Discord servers.

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

NEO Viewer – Program – Java   June 2021
- Used 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
- Used .txt files to create a 'choose your own' adventure and save games. Utilizes trees to simulate choices.

Organizations, Clubs & Activities

Society of Asian Scientists and Engineers – Member   August 2021 – Present
- Actively participated in events.

College Bound Initiative – Member   September 2019 - Present
- Participant in the Alumni Day at East-West School of International Studies.
- Gave advice and recommendations to 50+ students that are uncertain about their college career.

Undergraduate Student Government – Video Editor/Active Member   July 2021 – Present
- Edited videos for the Stony Brook Student Government. Familiar with Final Cut Pro.
- Created promotional videos for big events such as WolfieLand.

Achievements

Dean's List, AP Scholar, 100 Days of SwiftUI