Jae Yoon Chong

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Education

Diablo Valley College — Pleasant Hills, California
Associates of Computer Engineering (to transfer) : 4.0 GPA — *Aug. 2022 – May 2024*

Experience

SETI Institute — Mountain View, California
Computing Intern — *January 2024 – Present*

- Contributed to the modification of RADMC3D, an astrophysical tool to compute particle wind models of protoplanetary disk formation in new stars.
- Assisted Dr. Gorti in designing a math model to compute photon data that can be visualized.
- Utilized Numpy, Matplotlib, and Python3, to process and aggregate data to feed into RADMC3D computation model.

Palo Alto Networks — Remote
Entry Cybersecurity Student — *Februrary 2022 - Februrary 2024*

- Worked in virtual environments to simulate cloud and network breaches.
- Knowledge of automation functionalities of Strata, Prisma, and Cortex.
- Certified as an Entry Level Cybersecurity Technician (PCCET) in accordance to NIST.

CodePath — Remote
Intermediate Cybersecurity Student — *September 2023 – December 2023*

- Developed technical skills relevant to digital forensic and incident response investigations.
- Proficient in endpoint monitoring, log analysis, and network security.
- Skilled in threat intelligence sharing and using frameworks like ATT&CK for enhanced cybersecurity.

Projects

Notion Reminder Bot | Discord.JS, Python, Javascript — December 2022

- Co-developed the Notion Bot, a discord bot that delivers task notifications from Notion.
- Built 9 custom slash commands to execute bot commands & integrated error handling and bot optimization.

Hackathon Website | HTML, CSS, Javascript, Hostinger, Figma — March 2023

- Led development on the Viking Hacks Hackathon website for a community college.
- Followed CI/CD, issue tracking, ticket assignment, and scrum methodologies to maximize project efficiency.

Disk Wind Density Modeler | Python, Jupyter Notebook — Februrary 2024 - Present

- Simulates stellar accretion disk winds based on a math model, calculating the wind density.
- Utilized Numpy & Matplotlib to visualize density data on a plot.

Skills

Languages/Libraries: Javascript, Python, C++, Bash, x86 Assembly, Numpy, Matplotlib

OS: Linux, Unix, MacOS, Windows, Ubuntu, Kali Linux

Cybersecurity Tools: Nmap, Splunk, Burpsuite, Wireshark, Snort, Catalyst, Nginx, Metasploit,

Leadership

Google Developers Student Club — Pleasant Hills, California
GDSC Lead — *August 2023 – Present*

- Mentored 100+ members in software development best practices.
- Led a dynamic hackathon, fostering innovation among 80+ participants.
- Spearheaded a team of 13 executives, providing effective leadership and guidance.