Chiu Zhou

Full-Stack Developer

TS/SCI clearance

Manhattan
New York, NY
646-988-2082
chiumzhou8@gmail.com
[LinkedIn](#) | [GitHub](#)

EXPERIENCE

General Assembly — *Software Engineering Fellowship*

February 2022 - May 2022, New York City

- Completing over 480+ hours of the Software Engineering Immersive program
- Developing and deploying full-stack applications with full CRUD operations and RESTful API
- Front-end web development using Javascript and React with integration of third-party APIs
- Back-end development using Python and Django with PostgreSQL.
- Learning key languages and computer science concepts, including algorithms, data structures and databases.
- Multiple team collaborations utilizing the Agile methodology

Air National Guard — *Cyber Warfare Operator*

July 2021 - Present, New Jersey

- Performing threat analysis in a 24/7 training environment, mitigating and managing all threats and risks to the network
- Performing cyber incident triage to include determining scope, urgency, and potential impact; identify the specific vulnerability and make recommendations which enable expeditious remediation.
- Deploying security solutions; SIEMs, firewall appliances, intrusion prevention systems, data loss prevention systems, analysis tools, log aggregation tools.
- Analyzing network flow data for anomalies and detecting malicious network activity.
- Investigating malicious phishing emails, domains and IPs using Open Source tools and recommending proper blocking based on analysis.
- Observing live malware in the sandbox training environment; Conducting incident response and forensics data acquisition procedures and techniques, performing remediation, ceasing further malicious activities.

United States Air Force — *Aircraft Maintenance Technician*

April 2013 - April 2019, Overseas

- Plan, organize, and direct aircraft armament systems maintenance activities
- Developing trouble-shooting methods; repairing/detecting electrical malfunctions, replacing broken/chaffed wiring or pins, analyzing blueprint schematics, and examining for mechanical wear.
- Leading crew shifts and training unit members for 24/7 operation units.

SKILLS

Python | JavaScript | HTML | CSS
ReactJS | Node.js | Express.js
Django | MongoDB | MERN stack
GitHub | PostgreSQL | Figma

EDUCATION

2021 – 2024
B.S. Computer Science
University of Maryland
Adelphi, MD

2016–2018
A.S. Aircraft System Technology
University of Maryland
Adelphi, MD

PROJECTS

"CryptoAPI"
– crypto-currency information fed from a third-party API
Using:
*-Using **MERN** stack*
MongoDB | ReactJS | ExpressJS | NodeJS

"TowerOfHanoi"
– a recreation of the classic puzzle, "Tower of Hanoi"
*-Using **DOM***
JavaScript | HTML | Css

"The Peak" - Collab.
– NYC rock climbing directory listing, find a gym near you!
*-Using **MERN** stack*
MongoDB | ReactJS | ExpressJS | NodeJS

"LinkedFin" - Collab.
– post your projects and network with other fellow programmers, get LinkedFin.
*-Using **Django & ReactJS***
Django | ReactJS | Figma