Gregory Sinaga

sinaga.greg@gmail.com
gregory-sinaga @ LinkedIn
Astrotemporal @ GitHub
(909) 736 - 8108

Education

B.S. Computer Science & Engineering
B.S. Mathematics

University of California, Irvine
Expected June 2023 // GPA: 3.87

Skills

Proficient
- ◉ Python
- ◉ Golang
- ◉ OpenAPI
- ◉ Linux
- ◉ Jupyter

Intermediate
- ◎ C/C++
- ◎ Lua
- ◎ Databases
- ◎ Javascript
- ◎ MATLAB

Experience

Crowdstrike   June 2022 - Present
Cloud Test Engineer Intern - ITSecOps   Irvine, CA
Revamped SDET candidate testing process for increased accessibility, efficacy, and security
- » Transitioned previous Python testing application run via Shell script on single AWS VM and ElasticSearch instance to Golang microservice with multi-tenancy
- » Wrote documentation under OpenAPI specification
- » Utilized Grafana and Splunk to add endpoint monitoring

U.S. Department of Energy: CyManII   September 2021 - Present
Undergraduate Researcher   Irvine, CA
Developed software engineering productivity tooling in order to facilitate rapid development for CyManII researchers and collaborators
- » Created reference implementation of a 12-factor golang micro-service
- » Implemented resuable project templates via Python Cookiecutter
- » Developed OpenAPI 3 API handling sensor data
- » Linted, tested, packaged, and deployed to Azure Kubernetes cluster via Gitlab CI/CD

University of California, Irvine   March 2022 - June 2022
Learning Assistant   Irvine, CA
Aided professor and TAs in guiding 240+ students for Discrete Mathematics for CS (ICS 6D) course during group discussion lecture
- » Provided one-on-one help during office hours
- » Captioned supplementary videos
- » Took final exam draft, providing feedback

Awards

Dean's Honor List	2019 - Present	
ProperData Best Presentation	June 2022	
Rose Hills Foundation Scholarship	2020 - 2022	
Hack UCI 2021 Shop Small	January 2021	

Interests

Cybersecurity
Machine Learning
Quantum Computing
Semiconductors