Cameron Kruger

Fairfax, VA | Phone # available upon request
Email address upon request | https://cameronkruger.me

Systems and web application focused software engineer, concentrated on decentralized and distributed computing. Back-end developer building performance-oriented, scalable products.

EDUCATION

Bachelor of Science (B.S.) - Computer Science Jan 2020 - May 2022 (Expected)
George Mason University, Fairfax, Virginia

- Dean's List Fall 2021, GPA: 3.84
- Relevant coursework: Operating Systems, Networking, Databases, Data Structures
- PatriotHacks 2021 hackathon winner - headed a collaborative project coding a Python based cryptocurrency paper trading web app with MongoDB and hosted on Heroku

EXPERIENCE

Software Engineer and Research Intern December 2021 – March 2022
Nethermind, Remote

- Worked closely with Nethermind and other partners in developing open-source software for the Ethereum ecosystem
- Wrote smart contract security monitoring agents in Typescript for a $500MM decentralized finance platform
- Contributed to the launch of a Starkware L2/zkRollup full client written in Go
- Studied cutting-edge research in the smart contract, MEV, and DeFi space

Software Engineer Internship May 2021 – August 2021
Walmart Global Tech, Bentonville, Arkansas/Remote

- Created an API in Go that performed concurrent data analysis and JSON processing, delivered to a user-friendly front end with the use of several other APIs and MongoDB
- Eliminated costly end user support chore for developers, saving hours each week for support staff on call
- Collaborated with an intern team responsible for building a full stack web application, with a microservices architecture that assists suppliers and grocery quality control associates to deliver the best supply of produce to Walmart's customers.
- Planned, developed, and shipped a production web application within 8 weeks

Technical Services Analyst Feb 2019 - May 2021
SAIC, Sterling, Virginia

- Worked with software and engineering team in the innovation of in-house solutions written in Python and C# utilizing AI and Machine Learning Computer Vision through the Nvidia Jetson platform.
- Picked up on the job soldering for repair and development of printed circuit boards; repaired, engineered, and saved costs on $30k+ LPR camera systems
- Developed Linux services in Python for use in testing low-level GPIO sensors on License Plate Reader camera systems

SKILLS

Languages: Python, Golang, Java, Modern C, Solidity, Haskell, x86 Assembly
Databases & Libraries: MongoDB, Oracle SQL, Pandas, Scikit-learn, Gorilla, Flask
Technologies: Linux, Docker, AWS, Azure, Git/GitHub, REST API, Ethereum/EVM, OOP