

# Cameron Kruger

Fairfax, VA | Phone # available upon request

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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*

- Senior at George Mason University; Dean's List Fall 2021, GPA: 3.84
- Currently enrolled in Operating Systems, Data Mining, Functional Programming courses
- PatriotHacks 2021 hackathon winner - headed a collaborative project coding a Python based cryptocurrency paper trading web app with MongoDB and hosted on Heroku

## SKILLS

Python (2 yr), Go (1 yr), Java (2 yr), C (2 yr), Object-oriented Design, Git, Linux Administration (4 yrs), Distributed Systems, Relational Databases, Agile Development, Cloud Administration, MongoDB, web API development, microservices frameworks, Ethereum/EVM dApps

## EXPERIENCE

### Software Engineer and Research Intern

December 2021 – Present

*Nethermind, Remote*

- Working closely with the Nethermind and other partners in developing open-source software for the Ethereum ecosystem
- Wrote smart contract security monitoring agents in Typescript for DeFi protocols
- Contributed to the launch of a Starkware L2/zkRollup full client written in Go
- Studying cutting-edge research in the smart contract & DeFi space

### Software Engineer Internship

May 2021 – August 2021

*Walmart Global Tech, Bentonville, Arkansas/Remote*

- Interned as a back end software developer supporting Walmart's greengrocer market; with the goal of observing, analyzing, and predicting shelf life of fresh produce
- 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; touched Angular and utilized 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

*Unisys Federal/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