

MINH VY JENA VAN

Lorton, Virginia

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WORK EXPERIENCE

Software Engineer | Rebellion Defense

JUNE 2023 - JUNE 2024

- Facilitated attainment of Department of Defense (DoD) Impact Level 5 (IL5) certification while ensuring ongoing compliance
- Implemented CAC login system integrating DoD PKI Certificate Revocation Lists (CRLs) with AWS S3, enhancing security and compliance for over 1,000 users
- Designed and deployed automation for maintaining SSL certificates on AWS EC2 instances, ensuring continuous security and reducing manual workload
- Designed and deployed a comprehensive monitoring system for EC2 instance logs utilizing Github Actions, enhancing real-time tracking and performance analysis
- Enhanced user experience by implementing frontend quality-of-life features such as advanced filters using React
- Deployed a robust customer environment in AWS, ensuring seamless integration and optimized performance for enhanced user satisfaction

Undergraduate Research Assistant | George Mason University

SEPT 2022 - MAY 2023

- Designed a user study to make an optimized foveated rendering process
- Conducted experiments utilizing Microsoft HoloLens augmented reality headsets to discover optimal rendering values

Product and Engineering Intern | Rebellion Defense

MAY 2022 - AUG 2022

- Created a virtual road network
- Designed and built a simulation to predict vehicle projection

Seasonal Advisory Intern | KPMG US

JAN 2022

- Led a team to design a proposed dashboard aimed at reducing the carbon footprint of KPMG employees, promoting sustainable practices and environmental awareness
- Directed a team by analyzing data and leading the product goal, ensuring data-driven decision-making and successful project outcomes
- Formulated a proposed system to improve KPMG's Environmental Social Governance (ESG) efforts by addressing the carbon footprint from the transportation sector

Software Engineering Intern | Kensho Technologies

MAY 2020 - AUG 2020

- Designed and built a natural language processing Google Chrome extension called WikiWhatsThis [↗](#)
- WikiWhatsThis is a Google Chrome extension which receives an input of a large body of text and returns relevant Wikipedia articles to lead readers to more context of online articles
- Evaluated various natural language processing algorithms to analyze the most efficient algorithm for this project

TECHNICAL SKILLS

Languages: Java, C, Python, SQL, Terraform, BashScript

Technologies/Frameworks: GitHub Actions, AWS, PostgreSQL, Docker, React, Pandas

EDUCATION

George Mason University

AUG 2019 – MAY 2023

Bachelors of Science - Computer Science - Cum Laude

Fairfax, United States

AWARDS

- Long Nguyen and Kimmy Duong Scholarship (2022)
- WikiCred Grant (2020)
- Generation Google Scholarship (2019 - 14 awarded per year)
- Joan and Gene Hartman Scholarship (2019 - 2 awarded per year)
- National Center for Women & Information Technology Virginia Affiliate Winner (2019)