

Kevin Rohan Jeldi

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EDUCATION

George Mason University, Fairfax, VA

Graduation: 12/2024

Bachelor of Science: Computer Science

GPA: 3.20/4.0

- Second Place winner for the Best Overall Projects in GMU Hackathon-Hackfax 2024.

RESEARCH PROJECT

Hackathon Project: GMU Carpooling Platform

02/2024 – Current.

- Developed GMU Carpooling platform using Django, HTML/CSS, and JavaScript.
- Designed intuitive UI/UX and implemented real-time messaging for seamless user interaction.
- Addressed traffic congestion and promoted sustainability within GMU community.

Blockchain Implementation Project

11/2023– 12/2023

- Developed classes for Merkle Tree, Singly Linked List, Priority Queue, Block, and Blockchain, forming a simplified yet functional blockchain data structure.
- Implemented a Merkle Tree for efficient transaction verification, achieving $O(\log N)$ time complexity and enabling quick lookup of past transactions.

Auditing Bias in Predictive Models

12/2024 – 12/2024.

- Developed and evaluated predictive models for recidivism using the COMPAS dataset, optimizing accuracy and fairness metrics.
- Conducted bias analysis through statistical measures, including False Positive Rates and calibration, across demographic groups.

EXPERIENCE

HealthView Services, Danvers, MA

06/2024 – 07/2024

Software Engineer Intern

- Enhanced SaaS applications through feature updates, bug fixes, and client-driven improvements.
- Provided tier-one support, collaborating with QA to test software and ensure quality.
- Partnered with Data team to collect, analyze, and process data using custom tools.

George Mason University, Fairfax, VA

07/2021 - 05/2022

Undergraduate Learning Assistant

- Provided one-on-one tutoring sessions, tailored instructions to students to understand concepts in General Chemistry-1(CHEM 211) and General Chemistry-2(CHEM 212).
- Tutored around 8-10 students per shift.
- Managed scheduling and logistics for group tutoring sessions, accommodating the diverse needs of participating students and their families.

SKILLS

- Java, C, C#, Python, HTML/CSS, MATLAB, R-Studios, JavaScript (Angular), Django.
- Project Management, Strong communication, Problem Solving.
- Certifications: CompTIA Security+ (Planned)