Rayhan Noufal Arayilakath

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Keller, TX

Summary

Hello! I'm Ray, a software engineer with a passion for solving complex problems and driving impactful projects. My experience spans across various domains, where I've honed my abilities in system design, data analysis, and web development. I thrive in environments that challenge me to think critically and innovate. Whether it's leading teams, developing advanced systems, or teaching a classroom of high schoolers history and computer science, I'm dedicated to pushing the boundaries of what's possible!

Experience

Anti-Abuse Software Engineering Intern

Replit • Foster City, CA
03/2023 - 05/2024

- Leveraged data analysis techniques in Python and SQL to identify and mitigate emerging abuse vectors.
- Individually designed and developed multiple security projects to combat site abuse, phishing, credit card fraud, and copyright violations in Node.js and Python.
- Identified over 10k fraudulent accounts on Replit, illegally using compute and resources. Worked with law enforcement to report individuals.
- Developed and deployed advanced abuse detection systems using Hex, Apache Dataflow, and microservices in Node.js, streamlining and facilitating large-scale actions.
- Implemented early-warning abuse alerts to swiftly address potential issues and safeguard platform integrity.
- Led a small team of community moderators, facilitating communications and events to foster strong relations.

Teaching Assistant, IB Computer Science

Westlake Academy • Westlake, TX
08/2022 - 04/2024

- Actively assisted the teacher in delivering lessons, providing valuable insights from industry experience to supplement classroom instruction.
- Supported students across various grade levels, offering one-on-one guidance and clarification on complex topics to enhance understanding and facilitate academic success.
- Provided additional tutoring outside the classroom upon request, helping students grasp challenging concepts and develop problem-solving skills.
- Collaborated with the teacher to develop and implement innovative teaching strategies, fostering student engagement and critical thinking.
- Leveraged industry experience to present real-world applications of computer science concepts, enriching the learning experience for students.
- Supported the teacher in organizing and coordinating hands-on coding projects, encouraging students to apply theoretical knowledge to practical scenarios.

Skills

Typescript, Javascript, HTML, CSS, React, Python, SQL, Rust, Golang, Java, Google Cloud Platform

Education

Cybersecurity, B.S.

Purdue University • West Lafayette, IN
06/2028