Rahul Setia

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Education

Northeastern University, Boston, MA   *September 2023 – Present*
Khoury College of Computer Sciences
Candidate for a B.S. in Computer Science, Software Concentration   *Anticipated: May 2027*
Honors: Dean's List Academic Standing | GPA 3.60/4.00

Coursework: Algorithms & Data Structures, Computer Systems, Cybersecurity, Data Models, Database Design, Fundamentals of Computer Science 1 & 2, Information Science, Logic and Computation, Math Reasoning, Object Oriented Design

Technical Knowledge

- Languages: Python, SQL, Java, HTML, CSS, JS, LaTeX, Racket, R
- Technologies: Git, VS Code, Postman, AWS (Lambda Functions, RDS, SNS, S3), REST

Projects

Stock Simulator (github.com/rsetia23/Stocks)   *May – June 2024*

- Developed a Java-based stock market simulation tool utilizing object-oriented design principles and MVC architecture
- Implemented RESTful API integration with Alpha Vantage, processing over 1,000 daily stock market data points
- Optimized CSV parsing and data storage, reducing load time by over 20%
- Built scalable modules in Java, ensuring extensibility for future enhancements and API integrations

Personal Portfolio (rahulsetia.me)   *April 2022 – Present*

- Engineered a responsive and optimized portfolio website to showcase projects
- Integrated dark mode toggle, smooth scrolling, and dynamic content loading to enhance user experience
- Deployed the website using GitHub Pages, ensuring accessibility and fast load times across devices
- Architected the website with modular and reusable components, allowing others to adapt it for their own portfolios

Work Experience

Homefunding LLC, Floral Park, NY   *July – August 2024*
Operations Assistant

- Managed confidential client records, ensuring 100% data security compliance
- Assisted in processing mortgage applications, gaining insight into underwriting and compliance workflows
- Optimized workflows with the underwriting team, reducing errors
- Managed a six-figure stock portfolio, tracking profitability metrics to generate alpha returns

The Rex, Mineola, NY   *July – November 2022*
Shift Lead

- Oversaw front-of-house operations, serving 100+ customers daily and maintaining a 95% satisfaction rate based on feedback
- Handled customer interactions, resolving issues and ensuring a positive experience
- Conducted closing tasks and maintained a clean environment, showcasing strong organizational skills

Extracurricular Activities

FIRST Robotics (FLL, FTC, & FRC)   *2019 – 2023*
Lead Programmer & Coach

- Developed autonomous robot control systems using Java
- Implemented computer vision algorithms in Vuforia for object detection and tracking
- Helped students as an alumnus of the team by calling in virtually

Interests

Robotics, Artificial Intelligence, Data Science, Photography, Pickleball