Rahul Setia

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Availability: July – December 2025

Education

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

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

Technical Knowledge

Languages: Java, Python, LaTeX, Racket, HTML, CSS, JS, SQL, R
Tools: IntelliJ, Eclipse, Jupyter Notebook, DrRacket, Git, VS Code, Postman, AWS (Lambda Functions, RDS, SNS, S3), REST

Projects

Stock Simulator *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 storage for 10-year historical data, reducing load time by more than 20%
- Built scalable modules in Java, ensuring extensibility for future enhancements and API integrations

Personal Portfolio (rahulsetia.me) *April 2022 – Present*
- Engineered a responsive portfolio website to showcase projects and achievements
- Integrated dark mode toggle, smooth scrolling, and dynamic content loading to enhance user experience
- Configured a custom domain using Hostinger, including DNS management, and SSL certificate installation
- Deployed the website using GitHub Pages, ensuring accessibility and fast load times across devices
- Designed a modular and reusable website architecture, making it easy to customize and adapt for various portfolios.

Work Experience

Homefunding LLC, Floral Park, NY *July – August 2024*
Operations Assistant
- Managed 100+ confidential mortgage client records, adhering to strong data security principles
- Assisted in processing loan applications, gaining insight into underwriting and compliance tasks
- Optimized manual credit review and underwriting processes, reducing errors and increasing efficiency
- 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
- 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, Badminton, Table Tennis, Cooking, Stocks, Hiking