NOOR SYED
Fullstack Software Engineer

@ noorsyed1a@gmail.com — in n00rsy — n00rsy — n00rsy.com — South Brunswick, NJ

EDUCATION

Rutgers University - New Brunswick   **SAS Honors Program — May 2022**
Bachelor of Science in *Computer Science*   **Dean's List — GPA: 3.75/4.0**
Minor in *Mathematics*

Coursework: Data Structures, Algorithms, Operating Systems, Databases, Computer Architecture, Systems Programming, Software Methodology, Internet Technology, Discrete Structures, Linear Algebra, Calculus III, Physics II, Honors Colloquium

EXPERIENCE

Bloomberg L.P. — *Software Engineer*   **September 2022 - Current**
- Fullstack development for a crowdsourcing platform that leverages the crowd to annotate and manage large-scale datasets.
- Designed infrastructure for a Human in the Loop ML system to accelerate **next-generation LLM model** training.
- Led migration from legacy VM servers to **Docker**, improving scalability, reliability, and enabling CI/CD pipelines.
- Migrated **200M+** Solr 4 documents to Solr 9, optimizing performance with batch processing, parallelization, and QC scripts.
- Spearheaded the development of a frontend development toolkit for the platform, modernizing client workflows.
Used: Python 3, TypeScript, React, vue.js, AWS, Postgres, mySQL, Docker, Jenkins

Tesla, Inc — *Software Engineer Intern*   **Jan 2022 - April 2022**
- Deployed **customer satisfaction surveys** for Tesla vehicle charging sessions to over 100,000 Tesla app users.
- Reduced hang time on the Tesla app and website when fetching charging data **by over 30 percent**.
Used: Golang, SQL

Roblox Corporation — *Software Engineer Intern*   **May 2021 - Aug 2021**
- Delivered a POC **faceted search system** for optimized search and discovery on the Roblox Avatar Marketplace.
- Designed a fullstack solution for Tag Based Search including **new UI, backend infrastructure, APIs, and test suite.**
- Solved ad hoc tickets focused on production issues, load balancing problems, and testing on the Roblox Avatar Marketplace.
Used: .NET Framework, C#, AngularJS

Knowt — *Software Engineer*   **Aug 2020 - May 2021**
- Built a greenfield backend system for revamped version of the Knowt platform, introducing sharing, liking, and collaboration.
- Implemented key infrastructure features that **enabled the company to secure a second round of pre-seed funding**.
Used: AWS serverless framework (Lambda, DynamoDB, AppSync, CloudWatch, etc.), Python, GraphQL, Java

BGC Partners — *Software Engineer Intern*   **June 2020 - Sep 2020**
- Developed a trading systems **admin console** by implementing a REST API and consumer application from the ground up.
- Collaborated with cross-functional teams to build out a **flexible, high-performance logging library** for backend components.
Used: Java 8, Spring, SQL, Docker, JavaScript, jQuery, AJAX

Sabii Digital — *Software Developer Intern*   **Jan 2020 - June 2020**
- Scaled business processes to handle a **600% spike** in pandemic-driven user enrollment by automating manual workflows.
- Helped onboard and manage a technical support team serving **300 veterinary clinics** and **80,000 pet owners**.
Used: Python 3, AWS s3, EC2, Salesforce

PROJECTS

Rutgers Auto Course Sniper —*Node.js, AWS EC2, Puppeteer*   **Sep 2018**
- Tool to programmatically register students for high-demand classes at Rutgers University.
- Scrapes data from the Rutgers Schedule of Classes website and **automatically registers users for classes** when they open.

Tiny Docker — *Golang*   **July 2020**
- Barebones, fully functional **Unix/Linux containerizer wirtten in Go** using namespaces, cgroups and layered filesystems.

Halal Map — *JavaScript, Leaflet.js, Node.js, MongoDB*   **2024**
- Interactive map of halal restaurants in the United States with daily automated data updates.
- Fetches data daily from halal certification agencies to ensure accuracy and reliability for users.

TECHNICAL SKILLS

Languages: **Proficient**: Java 8, Golang C#, C, C++ 11, JavaScript ES8, SQL, HTML/CSS, **Novice**: Python 3, GraphQL

Tools: Git, Spring, .NET Core, Node.js, AWS, Unix programming, Docker, CUDA Toolkit, React, Angular, Flutter