NOOR SYED
Senior at Rutgers University - Computer Science

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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

Tesla, Inc — *Software Engineer Intern*   **Jan 2022 - April 2022**
- Worked with an agile backend facing team to deploy customer satisfaction surveys for Tesla vehicle charging sessions.
- Analyzed existing codebase and proposed solutions to minimize hang time on the Tesla app and website.
Used: Golang, SQL

Roblox Corporation — *Software Engineer Intern*   **May 2021 - August 2021**
- Delivered a proof-of-concept search system implementing faceted search for optimized asset search and discovery.
- Designed a fullstack solution for Tag Based Search including new UI, backend infrastructure, APIs, and testing 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*   **August 2020 - May 2021**
- Worked with a team of engineers to build a greenfield backend system for revamped version of the Knowt platform.
- 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 design and build 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

Launchify — *CFO and Co-Founder*   **Nov 2016 - Dec 2019**
- Co-created a software and education consulting firm to match teachers with educational institutions.
- Constructed a backend for real-time, cross platform virtual whiteboard and chat for online classrooms.
- Managed company finances, employee payroll, and budgeting.
Used: JavaScript, Node.js, Express, Socket.io, Google Firebase, Arduino C

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 information 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.

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

CLUBS AND LEADERSHIP

Islam Awareness Week — *Marketing Head*   **Sep 2019 - May 2020**
- Created and managed a marketing campaign for an week-long event with over 10,000 attendees.
- Oversaw campaign content creation, pitched to potential donors, and engaged in inter-team logistical planning.

Rutgers Blockchain Hub — *Member*   **Sep 2019 - Current**
- Explore novel applications of blockchain technology in cryptocurrency, supply chain, and business.