

NOOR SYED

Senior at Rutgers University - Computer Science

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EDUCATION

Rutgers University - New Brunswick
Bachelor of Science in *Computer Science*
Minor in *Mathematics*

SAS Honors Program — May 2022
Dean's List — GPA: 3.75/4.0

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

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 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, Jenkins, Apache Tomcat, Jolokia, jQuery, AJAX, Agile Methodology (SCRUM)

Sabii Digital — Software Developer Intern

Jan 2020 - June 2020

- Scaled business processes to handle a 600% spike in pandemic-driven user enrollment by migrating manual workflows to cloud-based solutions.

- Automated data processing and analytics to eliminate tedious manual labor and increase employee productivity.
- 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 enable local institutions to provide a modern STEM education for hundreds of students.

- 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 written in Go using namespaces, cgroups and layered filesystems.

TECHNICAL SKILLS

Languages: Proficient: Java 8, C#, C, C++ 11, JavaScript ES8, SQL, HTML/CSS, **Novice:** Go, 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 a 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.