NOOR SYED

Junior 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, Computer Architecture, Systems Programming, Operating Systems, Databases, Discrete Structures, Linear Algebra, Calculus III, Physics II, Honors Colloquium

EXPERIENCE

Roblox Corporation — *Software Engineer Intern*   **May 2021 - August 2021**

Knowt — *Software Engineer*   **August 2020 - Current**
- Worked with a team of engineers to build a greenfield backend system for revamped version of the Knowt platform.
- Features implemented were key in raising a second round of pre-seed funding.
- Refactored and maintained existing codebase for increased readability and performance.
Used: AWS serverless framework (DynamoDB, Lambda, 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 customer activity by migrating manual workflows to cloud-based solutions
- Automated data processing and analytics to eliminate manual labor and increase productivity.
- Helped onboard and manage a technical support team serving 300 veterinary clinics and 80,000 pet owners.
Used: Python 3, numPy, 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.
- Designed and implemented 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

NJIT Informatics Research Lab — *Software Engineer Intern*   **July 2017 - Sep 2017**
- Developed a browser based programming game that applied traditional linguistics education techniques to teaching programming.
- Aided in development of a custom web-based JavaScript parser and interpreter.
- Presented findings at the NJIT Provost Summer Research Symposium to an audience of faculty and students.
Used: JavaScript, Acorn, PixiJS, HTML/CSS, Git

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.

Insult Generator — *Node.js, Alexa Skills SDK, AWS Lambda*   **Nov 2017**
- Application that give Alexa the ability to deliver a randomized pun.
- Now has nearly 200,000 unique downloads, 5,000 active users, and a 5-star rating on the Alexa Skills Store.

TECHNICAL SKILLS

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

Tools: Spring Boot, Node.js, Socket.io, AWS, Unix programming, Git, React.js, Docker, .NET Core, CUDA Toolkit, 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.
- Oversee 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 and supply chain.