

NOOR SYED

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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: 3.721/4.0

Relevant Coursework: Data Structures, Discrete Structures II, Computer Architecture, Systems Programming, Linear Algebra, Calculus II, Physics II, Logic Reasoning and Persuasion, Honors Colloquium

EXPERIENCE

Sabii Digital

Jan 2020 - June 2020

Software Intern

- Effectively scaled various business processes to handle a sudden 600% increase in client activity on a veterinary telemedicine platform during the COVID-19 pandemic by migrating manual workflows to cloud based solutions using AWS products.
- Automated data processing and analytics workflows with Python to decrease manual labor and increase productivity.
- Helped train and manage a technical support team for 300 veterinary clinics serving 80,000 pet owners.
- Worked closely with software development team to identify and eliminate outages and bugs in the platform.

Launchify

Nov 2016 - Dec 2019

CFO and Co-Founder

- Co-created a software and education consulting firm to enable local schools and institutions to provide a modern and dynamic STEM education for individuals of all ages.
- Managed company finances and created robotics/programming curricula with Arduino and custom 3D printed parts.
- Developed a backend for real-time, cross platform collaborative drawing and chat for virtual learning with Node.js and Socket.io.

NJIT Informatics Research Lab

July 2017 - Aug 2017

Software Engineering Intern

- Collaborated with a team of graduate students on a research project exploring the effectiveness of gamifying the Supermemo spaced repetition learning algorithm in the context of teaching programming.
- Developed a browser based programming game and added custom functionality to Codemirror, an open source online IDE.
- Presented findings at the NJIT Provost Summer Research Symposium.

PROJECTS

Simple Git

April 2020

C, GDB

- Version control system based on Git implemented as a multi-threaded webserver using BSD sockets.

Rutgers Auto Course Sniper

Sep 2018

Node.js, AWS EC2, Puppeteer

- 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

Nov 2017

Node.js, Alexa API, AWS Lambda

- 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

Programming Languages: Proficient: C, C++, JavaScript, Java, HTML, CSS **Novice:** Python, C#, GraphQL

Software/Tools: Linux/Unix, Git, GDB, Node.js, Spring, Apache Tomcat, Jenkins, Docker, Amazon EC2, s3, Cloudfront, Lambda, CUDA toolkit, React.js, Socket.io, Android Studio, SDL2, Unity Game Engine

CLUBS AND LEADERSHIP

Islam Awareness Week

Sep 2019 - May 2020

Marketing Head

- Created and managed a marketing campaign for a week-long event with over 10,000 attendees.
- Oversee campaign content creation, met with potential donors, and engaged in inter-team logistical planning.

Rutgers Blockchain Hub

Sep 2019 - Current

Member

- Explore novel applications of blockchain technology in cryptocurrency and supply chain.