



Education

Rutgers University - School of Engineering
Bachelor of Science in Computer Engineering

New Brunswick, NJ
September 2018 - May 2022

- **GPA:** 3.783 / 4.0 | **Honors:** Summa Cum Laude, Deans List All Semesters
- **Relevant Coursework:** Machine Learning, Systems Programming, Network Security, Fullstack Engineering

Programming Languages: Java (3 year), C (2 year), Python (1 year), JavaScript/HTML/CSS (1 year)
Utilities: Github, GitLab, VSCode, IntelliJ IDEA, Docker, Spring Boot, React, Node.js, MS Office Suite
Practices & Concepts: Git, Scrum/Agile, CI/CD Pipeline, AWS, Microservices & Distributed Systems

Work Experience

Adaptive Financial Consulting
Graduate Backend Java Developer

New York, NY
February 2023 – June 2023

- Utilized Java, Spring MVC, gRPC, Docker, and PostgreSQL to design backends for FinTech web applications
- Executed team projects with European colleagues using a Scrum Agile approach, effectively managed via GitHub.
- Practiced Continuous Integration and Delivery/Deployment by consistently monitoring testing and merging changes.
- Conducted regularly scheduled meetings with clients and project managers to present deliverable MVP's and status.
- Used Hydra, Adaptive's proprietary Aeron UDP networking framework, to create distributed systems

Schneider Electric
Systems Applications Engineer Intern

Lyndhurst, NJ
January 2022 - May 2022

- Utilized AutoCAD and Microsoft Office Suite in designing access control hardware system within superstructures
- Closely collaborated with teams of other applications in order to deliver and implement multimillion-dollar packages

Certifications

AWS Certified Cloud Practitioner

December 2023

Projects

GitHub | github.com/rorosaya

Car Logos Image Classification

April 2022

- Utilized Python to Implement and compare accuracy of Logistic Regression and KNN on an Imaging Dataset
- Applied Principal Component Analysis to extract meaningful features and utilized Tensorflow and Sklearn.
- Manipulated and cleaned data while documenting process of decisions with visual comparisons within Jupiter File

Rideshare Regression

May 2022

- Implemented and compared the accuracy of Linear Regression and KNN models on a Rideshare Pricing Dataset.
- Documented process and cleaned pandas data within Jupiter File, utilizing PCA, Tensorflow, and Sklearn libraries

Affordable Atmospheric Monitoring Unit (AAMU)

September 2021 - May 2022

- Programmed Zybo boards attached with Digilent PMODs in C to monitor real-time atmospheric conditions
- Created an affordable unit enabling students to access atmospheric data and actively combat global warming.
- Designed board to gather and compile csv file of data collected from attached PMOD sensors

Volunteer & Leadership Experience

MYA, Saint Sharbel's Church
Treasurer

Somerset, NJ
September 2017 – June 2022

- Assisted in directing annual fundraising and charity events, resulting in the successful procurement of over \$75,000.
- Managed and distributed organization funds to the community as well as various international causes

Spotswood UX Coding Competition
Team Lead

Spotswood, NJ
April 2018 – May 2018

- Created a user-friendly and visually appealing scoring program in Visual Basic, databasing in Microsoft Excel
- Won 1st place against 18 other teams as the team leader, guiding and distributing tasks to team members

Skills & Interests

- **Spoken Languages:** English | Fluent Arabic | Intermediate French
- **Hobbies:** Piano | Art | Travel | Photography/Videography | Gaming | Fitness | Foodie
- **Fun Facts:** I am a first generation Lebanese-American | 4-year Varsity Pole Vault Captain