

## **TECHNICAL SKILLS**

- **Languages** – Python, Swift, MySQL, C/C++, Java, HTML, CSS, JavaScript
- **Frameworks** – NumPy, React.js, Pandas, SwiftUI, PHP
- **Developer Tools** – VsCode, XCode

## **EXPERIENCE**

### **Amazon Web Services (AWS)**

Software Development Intern

Dallas, TX

May 2023 – August 2023

- Developed a highly available web application with a team of four interns, achieving full deployment by leveraging AWS services such as EC2 Instances, S3 Buckets, Elastic Load Balancers (ELB), and Virtual Private Cloud (VPC), ensuring scalability and reliability.
- Leveraged robust debugging and troubleshooting techniques by closely collaborating with 2 Software Development Engineers, successfully resolving issues across 50 labs, and contributing to the improvement of internal support tools.
- Strengthened expertise in AWS technologies and cloud infrastructure by completing extensive coursework through CloudGuru and Udemy, leading to the attainment of the AWS Cloud Practitioner Certification.
- Optimized cloud infrastructure performance and security by configuring AWS networking components, including VPCs, security groups, and IAM policies, leading to a seamless and secure deployment of the web application.
- Participated in 10+ architecture discussions, technical design meetings, and code reviews, contributing to collaborative decisions on cloud deployment and system structure.

### **Microsoft TEALS**

Teaching Assistant

Newark, NJ

July 2022 – February 2023

- Enhanced and led lesson plans by leveraging a strong understanding of computer science to address students' learning gaps, leading to better educational outcomes for 90 students.
- Leveraged expertise in CSS and HTML to develop and lead tailored lesson plans that addressed specific learning challenges, leading to improved outcomes for a class of 90.
- Evaluated 90 student assignments and provided one-on-one tutoring on HTML and CSS during 30-minute sessions to reduce instructors' workload, resulted in improved outcome for all 90 students.

## **PROJECTS**

### **GUI HRV-UEF Application**

Full-Stack Developer

January 2024 - April 2024

- Developed a Graphical User Interface (GUI) application to compare and analyze convergent cross mappings of heart rate and motor activity, utilizing MatLab and Python to aid post-doctorates in visually interpreting the data.

### **LandMarks**

iOS Developer

November 2023 – December 2023

- Developed an app highlighting different landmarks by utilizing Swift and JSON, which eased dynamic data display and user interaction, highlighting 10 diverse geographical places.

### **Integrated Web System**

Full-Stack Developer

November 2023 – December 2023

- Designed a secure login/registration system using PHP, and MySQL resulted in the capability to establish multiple accounts and facilitate login functionalities seamlessly in my website.
- Implemented a shopping cart feature using PHP, MySQL, CSS, and HTML, allowing users to add up to 3 items and proceed to "checkout" with their selected items.

## **EDUCATION**

### **Rutgers, The State University of New Jersey - Newark**

Bachelor's, Computer Science & Mathematics

2020 – 2024

GPA: 3.6

- **Relevant Coursework:** Advance Data Structures and Algorithms, Intensive Programming in Linux, Operating Systems, Cloud Computing, Intro to Computer Networks, Software Engineering, Intro to Swift App Development.

## **CERTIFICATIONS**

### **Amazon Web Services Certified Cloud Practitioner**

June 2023 - June 2026

- Fundamental understanding of IT services and their uses in the AWS Cloud, cloud fluency, and foundational AWS knowledge.