

FREDDY RONDON FERMIN

(585) 200-8747 | freddyrondon@mail.rit.edu | linkedin.com/in/frondon | github.com/Freddyferf

EXPERIENCE

Software Engineer Intern @ **Amazon** | Seattle, WA May. 2022 – Aug. 2022

Part of the AWS Elastic Load Balancer Testing and Tools Team, focusing on the development of tools and testing frameworks for internal teams working with Amazon Elastic Load Balancers

- Set up Application Load Balancers to distribute incoming application traffic across multiple targets
- Picked up Ruby on Rails to implement new features in an MVC application
- Used Amazon S3 Presigned URLs to manage the sharing of private S3 Buckets

Tools: AWS S3, AWS ELB, Ruby, JavaScript, HTML, Git, Agile/SCRUM Methodology

Software Engineer Intern @ **Mindex** | Rochester, NY Feb. 2022 – May. 2022

Top software development company in Rochester, NY, specializing in custom software solutions, cloud services, and K-12 student management systems.

- Created mock services using Moq Framework to increase unit tests coverage by 20%
- Used AWS ECS and ECR to automate Docker container provisioning for faster environment updates
- Integrated AWS Secrets Manager making credential management more secure

Tools: C#, PostgreSQL, AWS ECS, AWS ECR, .NET Core, Entity Framework Core, Docker, HTML, CSS, Git

Software Engineer Intern @ **Megsoft Consulting** | Columbia, MD Jan. 2021 – Aug. 2021

Digital product agency pioneering mobile and cloud-based products for clients ranging from Fortune 500 companies to start-ups.

- Used Amazon S3 Cloud Object Storage to automatize the uploading of the files used in the app
- Picked up JavaScript using Aurelia JS to maintain and implement new features in the client's app
- Wrote unit tests in xUnit for the main system to reduce bugs in production

Tools: C#, PostgreSQL, .NET Core, Entity Framework Core, JavaScript, HTML, CSS, Git

Software Engineer Intern @ **GCS International** | Santo Domingo, DR Dec. 2018 – Dec. 2019

Fintech company specializing in large-scale financial transaction processing, mobile solutions, and customized special projects for international corporate institutions.

- Developed a Desktop App to automate the process of sending emails to employees on their birthdays, saving the HR department 4 hours of work monthly
- Created new page to query clients' information to reduce the time needed for customer assistance
- Picked up Docker to containerize the Mock Data Simulator, reducing test time in the Dev environment

Tools: C#, MSSQL, .NET Core, Razor Pages, Entity Framework Core, Docker, Azure CI/CD pipelines, JIRA, Git

EDUCATION

Rochester Institute of Technology (RIT) | Rochester, NY

Bachelor of Science, Software Engineering

Expected May. 2023

GPA: 3.52

Las Americas Institute of Technology (ITLA) | Santo Domingo, DR

Associate's degree, Software Development

Aug. 2018

GPA: 3.7

PROJECTS

People Counter

- Developed a React App with AWS Amplify, S3, Lambda, and Rekognition for video analysis and people counting

Email Productivity App

- Collaborated with a team of 4 to develop an email client with ML-based spam filter and custom filters.

Vulnerability History Project (Contributor)

- Contributed to an open-source research project analyzing software vulnerabilities in prominent open-source projects.