

EDUCATION & COMPETENCIES

Rochester Institute of Technology
B.Sc. Software Engineering, May 2020

- **Programming Languages:** Javascript/Typescript, Java, C#, SQL, Python
- **Technologies:** Angular, ASP.NET MVC, Flask, Node.js, React, Vue.js
- **Languages:** Bilingual; Fluent in English and Spanish

EXPERIENCE

RIT Student Government – Services Team

February 2019 – Present

Full-Stack Web Developer - Rochester, NY

Developing many different services used by thousands of students everyday such as PawPrints, TigerTracker, RITPedia and RIT Naps.

- Designed a back-end infrastructure for TigerTracker, an application for student committees to keep track of students' petitions, that incorporates different access levels, roles, assignments and prioritization.
- Created various components for the client side of the application such as minute-taking, committees' controls, petition reviews, etc.
- **Technologies Used:** Python, Flask, Javascript, Vue.js, HTML5, PostgreSQL, Docker, Git

United Technologies Corporation: Climate, Controls & Security

June 2018 – December 2018

Software Engineering Intern - Syracuse, NY

Worked directly for Carrier Corporation on the Electronic Catalogue software team helping design, develop and test several applications.

- Designed a web application that interfaces with a refrigeration unit's business logic to create reports with customers' desired configuration and quotes for sales department to utilize.
- Contributed to quarterly PI (Program Increment) planning sessions, as well as helped other teams transition their software processes to Agile methodologies. Automated deployment and testing by using CI (Continuous Integration) for numerous different projects.
- **Technologies Used:** ASP.NET C#, Angular, Typescript, HTML5, Microsoft SQL Server, Git, Jenkins

IB Systems SRL

May 2017 – August 2017

Software Development Intern - Dominican Republic

Contributed to the Web & Mobile team by developing new projects as well as maintaining existing ones.

- Created a hybrid mobile application for remittances that allows the verification of the receiving customers' documents on a remote database through a REST API. Implemented MFA (Multi-Factor authentication) by adding location and device based restrictions.
- Developed IBSystems.com.do, a responsive website detailing all of the company's information, products, and services.
- **Technologies Used:** ASP.NET C#, Angular, HTML5, Ionic, Microsoft SQL Server, Typescript, Git

PROJECTS

Where To Eat

Summer 2019

Built a cross platform mobile app that shows the nearest restaurants to the user's location, as well as allowing to filter by category, cuisines or a search query. In addition, users can modify location, distance radius, and other sorting options.

- Consumes data from an API listing more than 1.5 million restaurants across 10,000 cities globally.
- Uses the Google Maps API to display markers for the nearby restaurants.
- **Technologies Used:** Zomato API, Google Maps API, Ionic, Angular, Typescript, HTML5, Ajax, Git

Professional Web Portal

Spring 2019

As a team of five, developed a full-stack web application intended for individuals seeking out professional employment. It allows users to authenticate with their LinkedIn Account, interact with employers, watch stocks, and create calendar events.

- In charge of designing the calendar component where users can create or modify events, as well as integrating it with the back-end.
- Design Document includes: Domain Modeling, Design Patterns, UML Class Diagrams, and Sequence Diagrams.
- **Technologies Used:** React, Javascript, Node.js, MySQL, HTML5, Git, LinkedIn API, StockX API

LEADERSHIP

INROADS – Professional Development & Leadership Program

Summer 2018

Summer Intern

Society of Hispanic Professional Engineers

January 2018 – Present

Executive Board Member – Philanthropy Chair