

EDUCATION

Rochester Institute of Technology

B.S. Computer Science 2020

Minor: Software Engineering

SKILLS

MAIN LANGUAGES: Java, PHP, Python, JavaScript, HTML/CSS

FRAMEWORKS AND TOOLS: Laravel, Django, CSS Bootstrap, MySQL, GIT, JQuery, Ubuntu Server, Web Sockets, Resful API's

SOFTWARE ENGINEERING: Requirements Gathering, Risk Assessment, Data Modeling, Software Testing, Project Management

EMPLOYMENT

Student Lab Instructor (Teaching Assistant)

ROCHESTER INSTITUTE OF TECHNOLOGY

2016 to Current

- Aided professors with teaching introductory computer science classes on Python and Java.
- Mentored the students, debugged and graded their labs/projects submissions.
- Mentored and assisted students from any computing course in the Computer Science Tutoring Center.

Software Engineer and Full-Stack Web Developer

MICRO-TEC DEL GOLFO S.A. DE C.V.

2014 to 2017

- Redesigned and recreated the store's administration and intercommunication systems.
- Introduced and designed a process and framework based on the agile model SCRUM to speed to releases by 20%.
- Incorporated software quality standards into the company that improved software maintainability.
- Coached the development team in the use of GIT as a version control system and as an automated deployment tool.

PROJECTS

ROOMATE RESPONSABILITIES TRACKER

Spring 2017

- Online manager for housekeeping responsibilities.
- Includes features such as automated notifications and anonymous complain archiving.

WEB INVENTORY APPLICATION - F2 MOBILE

Fall 2016

- Management system to keep track of inventory, sales, transfers, warranties, and employees.
- Includes features such as permissions, roles, sessions, and user preferences.

HOSPITAL ADMINISTRATION APPLICATION

Sep 2016 to Dec 2016

- A complete administration system that facilitated day to day activities in a modern hospital.
- Keeps track of appointments, patients, doctors, studies, prescriptions, and statistics.
- Includes features such as a messaging system, a responsive calendar, and a permission-based administration panel.
- Developed alongside a team of four other students within four months.

WEBSOCKET OFFLINE VIDEO PLAYER - MICRO-TEC

Summer 2016

- An offline streaming tool to improve advertising communication.
- Allows Marketing Department to perform real-time updates on advertisements in stores in rural areas with slow internet connection.