

Carlos M. Romero

Rutgers University - New Brunswick, New Jersey January 2020
Bachelor of Science in Computer Science - Major GPA: 3.37

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EXPERIENCE

Barclays/Per Scholas — *Java Developer*

June 2020 - September 2020

- Updated graphing calculator application to allow auditors to easily monitor changes in financial statements.
- Manipulated data using SQL and related software to generate business reports.
- Designed, implemented, and unit tested projects to deliver quality applications.
- Complied with the system development life cycle (SDLC) and project management methodology - adopting agile approaches as necessary.
- Worked both independently and in a team to deliver applications by their given deadlines.

Rutgers Office of Information Technology — *Lab Technician*

August 2019 - January 2020

- Responsible for the maintenance and upkeep of computers and software.
- In charge of keeping the hardware functional and troubleshooting any problems that arise.
- Worked with co-workers to research and solve unfamiliar technical issues.
- Provided technical support to students, faculty and staff.

Secaucus Board of Education — *IT Engineer*

June 2018 - August 2018

- Migrated all laptops/desktops in the Secaucus school system to a more secure operating system.
- Provided daily technical support for email, network, connectivity, telecommunications etc.
- Performance tested all software/hardware operated at peak efficiency, fixing any issues that might appear.
- Utilized Symantec Ghost Solutions to migrate malfunctioning computers to correct image.
- Accounted for long-term, day-to-day maintenance and technical support of the site including suggesting solutions and analyzing requirements to meet user needs.

PROJECTS

Smart Calendar Web Application

Developed a dynamic **Java/Javascript** web application that allows users to schedule events and receive notifications if any inclement weather event occurs at the time, date and location of the event.

One-shot Machine Learning

Implemented a simple machine learning algorithm using linear regression and only a few training samples to predict home prices in **C**.

Multi-Threaded Directory Sorting

Created a program that concurrently sorts all subdirectories and all files within those directories in a target directory using POSIX threads in **C**.

SKILLS

- | | | |
|-------------|--------------|-------------------|
| • Bootstrap | • HTML/CSS | • MySQL (MariaDB) |
| • C | • Java | • Python |
| • Git | • Javascript | • Spring MVC |
| • Hibernate | • Maven | • Tomcat |

RELEVANT COURSES

- Data Structures
- Design and Comparison of Algorithms
- Principles of Programming Languages
- Software Methodologies (Designing Object Oriented Applications)