

Nicholas Martinez

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EDUCATION

Rutgers University, New Brunswick, NJ — Bachelor of Science in Computer Science, 2021.
GPA: 3.95

SKILLS, LANGUAGES & RELEVANT COURSEWORK

Proficient in: Java, Object-Oriented Principles

Experienced with: Objective-C, C, HTML, CSS, Bootstrap, MySQL, Bash

Familiar with: ReactJS, Spring Boot, Python, SQLite, JavaFX, Android App Development

Currently Learning: Angular, Spring Boot

Software: Eclipse, IntelliJ IDEA, Sublime Text, MySQL Workbench, Git

Relevant Courses: Data Structures, Computer Algorithms, Systems Programming, Principles and Information of Data Management, Software Methodology, Internet Technology, Computer Architecture, Discrete Math, Software Engineering

PROFESSIONAL EXPERIENCE

QA/Software Developer/Intern, Visionware Systems; Skillman, NJ — Oct. 2017-Aug. 2019

- Rebuilt one major screen on the iPad application that resulted in increased productivity for the sales force.
- Participated in the implementation of a major content management system module for the iPad application that allowed users to download and view files on their iPads
- Built and helped design an entirely new “What’s New” feature in the iPad application that helped users see what changed in new updates and previous updates.
- Fixed various bugs that were present in the application in a timely fashion utilizing problem solving strategies learned through various university courses.
- Tested various programs and websites that the company built to ensure that there were no major issues in those programs.

Volunteer Instructor, SteamWorks Studios; Princeton, NJ — Jul. 2016-Aug. 2016

- Taught students basic programming practices and concepts utilizing an Arduino device with Arduino C. Students were assigned projects utilizing course materials in order to cement fundamentals of software development

PROJECTS

- **Appointment Book:** A system from managing hair salon appointments. Made in Java using the Swing framework. Utilized MySQL for data persistence.
- **Flight Reservation System:** Designed a flight reservation system where users can reserve flights, as well as see upcoming and past flight reservations. Users can create accounts and edit account information. The program interacts with a MySQL database that stores users, their information, and flights. Program was written using JSP and was part of the “Principles of Information and Data Management” project coursework.
- **My Malloc Project:** Implemented a memory allocation functionality using C as part of the “Systems Programming” project coursework
- **Restaurant Ordering System:** Implemented a custom sandwich ordering system using JavaFX as part of the “Software Methodology” project coursework.
- **Museum Reservation System:** Implemented a mobile Museum Reservation/Ticketing System using Java and targeting Android phones as part of the “Software Methodology” project coursework.