Danny A. Araujo

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EDUCATION

University at Buffalo, The State University of New York
Bachelor of Science, Computer Engineering   May 2019
Dean's list: Fall 2014
Certificate of Achievement: SUNY Office of Opportunity Program 2015, 2018

ENGINEERING PROJECTS

StopBy, Co-Developer
- With a team of fellow students, designed, implemented, tested, and released an android application revolving around the use of geolocation to facilitate real life social interaction
- Utilized Android Studio, Firebase, and GitHub to create the application, securely handle user data and authentication, and maintain the progress of new features and changes

Space Invaders, Co-Developer
- Created a running prototype of the classic game Space Invaders on a serial terminal using the C programming language, LPC 2138 Keil microcontroller, and ARM assembly language to create a hardware enabled game that runs on a terminal

Java Calculator, Developer
- Designed and implemented a virtual desktop calculator using Java by implementing modular mathematical functions, key bindings, and Java GUI to create a simple interface and a reliable, adaptive program

Every Minute Counts (EMC), Co-Developer
- During the Society of Hispanic Professional Engineers (SHPE) 2017 National Conference Hackathon, Designed an Internet of Things enabled smoke detector that would continuously track and notify authorities of any possible fire emergencies
- Engineered and drafted a prototype of how the device would behave during normal situations and during an emergency, as well as what it would cost to produce and sell to viable markets

ENGINEERING WORK EXPERIENCE

Starline USA, Buffalo, NY   Feb 2019 - Present
IT & Development Intern
- Work closely with the development team to document, assist and test new projects and services.
- Use Windows 7 & 10, Active Directory, Microsoft Azure, HTML, CSS, and SQL to update the company website and server

Seal & Design, Buffalo, NY
IT Support Intern   Oct 2017 – May 2018
- Assisted in maintenance, purchasing and deployment of office software and equipment at a midsize manufacturing company to keep vital systems up to date, secured from vulnerabilities, and provide troubleshooting when needed
- Used Spiceworks and Team Viewer to monitor the IT help desk as well as report, document, and resolve incoming technical issues

University at Buffalo, Shared Instrumentation Laboratories, Buffalo, NY
Administrative Assistant   Sep 2016 – May 2017
- Explored the backend of a research laboratory and the necessities to maintain these facilities to the highest quality
- Organized usage data, expenses, and performed various administrative duties using Microsoft Excel, performing miscellaneous IT work when needed

TECHNICAL SKILLS

- Experience with Java, C, C++, HTML, CSS, Firebase
- Knowledge of various OSs: Windows, MacOS, Linux, Android, iOS, and Desktop Applications: Microsoft Office Dropbox, Photoshop, Google Apps etc

GENERAL SKILLS / INTERESTS

- Proficiency in Spanish
- Member of the University at Buffalo Society of Hispanic Professional Engineers (SHPE)