Tomas Munoz-Moxey

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Education

Florida State University (FSU), Tallahassee, FL   **May 2021**
Bachelor of Science in Computer Science, Minor in Mathematics
Major GPA: 3.2/4, Awarded Dean's List

Skills

Programming Languages: *Java, C, C++, C#, Python, Unix, Visual Studio, Android studio, SQL, HTML, CSS, JavaScript, Arduino,*
Tools / Frameworks / OS: *Cisco, Aruba, Git, Android, Windows, Ubuntu, Microsoft applications*
Experience: Familiar with *database creation, website development, data structures, object oriented programming, operating systems, mobile programming, parallel programming, network engineering*
Certifications: *Microsoft Operating System Fundamentals, Autodesk Inventor, AutoCad, Autodesk Revit*
Spoken Languages: English (Primary), Spanish (Fluent)

Professional Experience

L3HARRIS   *November2021-Present*

- Employed as Network Planning Engineer to provide technical support, conduct network architecture design, feasibility, and modeling. Routinely configure and modify existing network components and software.
- Tasked with actively monitoring alarm conditions on the network to identify and minimize possible disruptions. Utilized test methods to troubleshoot Ethernet, IP, Frame Relay, ATM, WAN, LAN. Skilled with evaluating network performance criteria and measurement methods.

Costa-Perez technologies   *April 2020-August 2020*

- Employed as lead programmer in building a fully functional ventilator primarily using Arduino software as well as additional software platforms to incorporate numerous hardware/software components into the machine.
- Developed Arduino code for other machines such as garage doors, lighting fixtures, and safety mechanisms.

Projects

Wyldlife | Software Engineering Project   *January 2021-April 2021*

- Worked in an agile group of 4 to create a web page for users to be able to find a spectrum of nature related areas such as parks, nature trails, hikes, and more.
- Once an account is made the website can use a person's location and match them to a nearby area from a database of locations.
- After email verification users are able to upload/review areas.
- Each location has weather data, a satellite/2dmap, and photos (stories) uploaded by users.

FelineFriends | Python Website Project   *July 2020-August 2020*

- Utilized HTML, CSS, Python, SQL, Flask to create a mock site for a hypothetical dating website.
- Developed a powerful matchmaking algorithm in which users would be paired based off of information stored within the site's database.