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: *Git, Android, Windows, Ubuntu, Microsoft applications*
Experience: Familiar with *database creation, website development, data structures, object oriented programming, operating systems, mobile programming, parallel programming*
Certifications: *Microsoft Operating System Fundamentals, Autodesk Inventor, AutoCad, Autodesk Revit,*
Spoken Languages: English (Primary), Spanish (Fluent)

Professional Experience

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.

Garduino | Mobile Programming group project *July 2020- August 2020*

- Utilized Android Studio, Google Firebase, Arduino software/hardware to create a mobile android application to display real-time vital information about a user's plants in their garden.

Activities

- Contender in multiple ACM Programming competitions and Hackathons
- Member of ACM programming club, Cyber Security club, 3D printing workshop