

Jaime Vives

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EDUCATION

Texas A&M University

B.S. in Aerospace Engineering, GPA 3.59/4.0

Sep. 2018 - May 2022

College Station, TX

Selected Coursework

Numerical Methods, Differential Equations, Intro to Aerothermodynamics, Intro to Programming Design, Engineering Computation, Discrete Structures, Aerospace Mechanics, Circuit Analysis I

EXPERIENCE

Microsoft

Incoming Explore Intern

May 2020 - July 2020

Seattle, WA

City of Keller

Lifeguard

Aug. 2016 - Aug. 2019

Keller, TX

- Ensured a safe environment for 100-200 patrons in the pool. Addressed complaints and enforced rules when necessary.
- Cooperated with 5-15 other lifeguards in first aid, closing, and in-services.

PROJECTS

Aggie Involvement Project

Project Manager

May 2017 - Sep. 2017

College Station, TX

Aggie Involvement Project - <https://github.com/aggie-coding-club/Aggie-Involvement-Project>

Learning-oriented project manager of a Flutter app; with the Aggie Coding Club.

Tools: *Flutter, Android Studio*

3D RTS Prototype - <https://www.roblox.com/games/3573564870/3D-RTS-Prototype>

Programmed, modeled, and designed a 3D real-time strategy game prototype. Wrote 1500+ lines of Lua code to coordinate game controls, camera directions, and unit movement. Learned to organize code architecture to make editing and debugging easier.

NASA SUITS Competition - <https://github.com/The12thAstronaut/SUITS>

On the integration team, responsible for providing back-end architecture for the UI team. Working on building an AR prototype on the Microsoft Hololens to aid Artemis astronauts on lunar fieldwork. **Tools:** *Node.js, Unity*

SKILLS

Languages C++, Python, Lua, C#, MATLAB

Technologies Unity, NumPy, Matplotlib, SolidWorks, Git, Waveforms

Hardware Digital Multimeter, Oscilloscope, Breadboards, Analog Digital 2

AWARDS & ACTIVITIES

12th Astronaut Lab Integration Team

Jan. 2020 - Present

TAMU Club Swim Member

Jan. 2020

AIAA Member

Jan. 2020

Aggie Coding Club Project Manager

Sep. 2019 - Dec. 2019

Aggie Coding Club Member

Sep. 2019 - Present