

## **Matthew Fernandez**

(954) 668-8778 | fernandezmatthewkyle@gmail.com | Newberry, FL, 32669  
<https://fernandezmatthew.github.io>

### **PROFESSIONAL SUMMARY**

I am a junior computer engineer with several years' experience developing software across multiple programming languages using Agile methodologies in team environments, and a year's experience teaching high school level mathematics and computer programming. I graduated from the University of Florida with a Bachelor of Science in Computer Engineering, earned my Temporary Teaching Certificate in Mathematics, and am currently pursuing a CompTIA A+ certification. I am currently looking for full-time work in the Orlando area.

### **PROFESSIONAL EXPERIENCE**

#### **Geometry/Computer Programming Teacher, Santa Fe College Academy      Dec. 2024 - Sept. 2025**

- Succeeded in getting an above county-average pass-rate for my Geometry students.
- Prepared and presented educational content on a daily basis.
- Organized student assignments, class curricula, and gradebooks across multiple courses.
- Served as coworkers' and students' first stop for IT-related issues.

### **UNIVERSITY EXPERIENCE**

#### **Cue-Cetera**

**Jan. 2023 - Dec. 2023**

- Headed development of page routing and the User Interface using Flutter and Android Studio.
- Integrated several pre-existing packages to fit our application's unique design goals.
- Helped train machine learning emotional recognition AI model.
- Exercised clean coding principles by modularizing the former codebase to help ease future work and debugging.

#### **Descent**

**Jan. 2022 - May 2022**

- Scripted the Movement State Machine and Combat Logic for the playable Angler character, using coroutines and kinematics in Unity.
- Handled player animation integration, using enumerated move states with Mixamo animations.
- Headed integration of music, art, animations, and logic into functional boss battles.
- Created the UI to display user abilities, health, enemy names, and more.

### **EDUCATION**

#### **Bachelor of Science, Computer Engineering**

**Jan 2021 - Aug. 2024**

University of Florida

GPA - 3.72

#### **Associate of Arts, Engineering**

**Aug. 2018 - Dec. 2020**

Santa Fe College

GPA - 3.93

### **SKILLS**

C/C++, Java, C#, Python, VHDL, XML, CSS, HTML, ARM Assembly, Sprite Editing, Input/Output Processing, User-Interface Design and Implementation, FSM Controllers, CPU datapaths, Computer Architecture, Computer Networks, Algorithms, Agile Methodologies, Mathematics, Education.