

Timothy Marr

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EXPERIENCE

Software Quality Assurance Intern

May 2019 - Aug. 2019

Farelogix | Miami, FL

- Created/ran test cases through SOAP UI with Groovy, dissected through XML
- Discovered bugs and reported to developers in detail through JIRA
- Worked on a dedicated airline team to assure business requirements

Student Assistant

Oct. 2017 - June 2018

Florida International University | Miami, FL

- Updated documents regarding events, inventory, etc
- Reported expense reports on behalf of the department

LEADERSHIP

Volunteer

Sept. 2018 - Nov. 2018

Google CS First | Miami, FL

- Taught middle school students basic OOP principles through Python
- Aided in Raspberry Pi powered robot assembly

PROJECTS

CalmMe Anxiety App

Jan. 2021 - Present

Dart (Flutter)

- Developed an app to guide users through a panic attack with a panic walkthrough
- Allows users to view, store, update, and delete journal entries (utilizes Cloud Firestore)
- Incorporates user login through NoSQL with validation

2D Platformer

June 2020 - Present

Unity (C#)

- Incorporated inheritance with scriptable objects for an inventory system
- Utilized OOP class principles to create a seamless/immersive experience for the user
- Created collision based interactions with user input via keybinds

Automated Scalping Bot

Jan. 2020 - April 2020

MQL5 (C++)

- Utilized pattern detection through MQL5 custom C++ code to implement automated trades
- Generated \$1,100 over 3 months utilizing real historical data with created algorithm
- Modified/salvaged previous code to increase profit and sharpe ratio by 110%

EDUCATION

Florida International University | Bachelor of Science in Computer Science

May 2020

- GPA: 3.43/4.0

SKILLS

Python | Java | C | SQL | Dart | Flutter