

# GIOVANNI FERIOLI

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## Education

### Bachelor of Science: Computer Engineering

University of Florida

Expected in 05/2022

Gainesville, FL

- 3.94 GPA
- Great Minds in Stem Recipient
- Northrop Grumman GMiS Scholar
- Relevant coursework: Data Structures & Algorithms, Microprocessor Application, and Digital Logic

## Experience

### Treasurer

#### Graham Residential Government

08/2018 to 05/2019

Gainesville, Florida

- Managed business financial affairs, including administering a \$5,000 overall budget.
- Awarded "Treasure of the Year"
- Improved billing and month-end reporting processes.

### Mechanical Engineer

#### Panama Canal Authority

05/2019 to 08/2019

Miraflores, Panama

- Contributed to the development of Dockside fuel station, earning sales of over \$2 million.
- Conferred with team engineers and other personnel to implement an organized and maintainable inventory.
- Implemented remediation processes to alleviate Inventory issues with SmartDraw, AutoCAD, and Excel.
- Created 2D drawings of 2 large-scale Thermoelectric plants as well as 10 large oil storage tanks.

## Skills

- Fluent in English and Spanish
- C++ (6 months)
- React.js (1 year)
- Java (1 year)
- JavaScript (1 year)
- Excel

## Projects

### Minesweeper(Finished)

- Built the game, Minesweeper, using C++ and Simple and Fast Multimedia Library
- Efficiently used recursion to check for mines throughout the board
- Gained a greater understanding of C++ concepts

### Photoshop blending mode/Photomosaic(Finished)

- Used C++ to make a Photoshop blender method (Screen, Layer, Multiply, etc.)
- Created, with Java, an RGB photomosaic using an input of diverse pictures
- Gained experience in working with image processing and pixels

### Receipt Maker(In progress)

- Working on designing a website that facilitates making receipts
- Using React.js, Firebase database, Axios, and Redux
- Expected to cut time by 50%
- Obtain experience in making a web application with React.js

### UF API(In progress)

- Aids the process of adding classes through text Message
- Working with UF API, Twilio API, and Javascript
- Earn experience working with API's and Javascript