

FERNANDO RIVERA

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EDUCATION

UNIVERSITY OF FLORIDA

Gainesville, FL

B.S. Candidate in Computer Science with minor in Statistics (GPA: 3.63)

May 2022

- Benacquisto full-ride merit scholarship recipient in UF Honors Program
- Herbert Wertheim College of Engineering Dean's List Fall '18, Spring '19
- Relevant Coursework: Data Structures and Algorithms, Intro to Software Engineering, Operating Systems, Computer Organization, Information and Database Systems I, Software Security Prog Lang Concepts, Design Patterns in OOP
- Activities: HackGT Fall '18, SwampHacks Spring '19 - '21, Software Engineering Club Member

EXPERIENCE

GOOGLE

Summer 2021

SWE Intern

Virtual Internship

- Developed an internal web app to visually represent Travel's front-end logs structure with the ability to automatically generate SQL query from user selections.
- Participated in entire development process, including writing design docs, implementation, design reviews, and a product presentation

GOOGLE

Summer 2020

STEP Intern

Virtual Internship

covidiena.appspot.com, github.com/rivera-fernando/covidiena

- Built my personal portfolio website utilizing Java Servlets, HTML, CSS and JS, as well as various Google APIs.
- Developed a COVID-19 tracker tool with my pod of 3, aimed at easing the flow of information between students and university bodies for the Fall semester using GCP services and Java Servlets.
- Participated in entire development process, including writing design docs, implementation, design reviews, and a product presentation

UNIVERSITY OF FLORIDA

Spring/Fall 2020, 2021

Teaching Assistant

- Responsible for co-leading two weekly discussion sections for 30 students, hosting office hours twice a week, grading assignments, and attending team meetings for CEN 3031 (Introduction to Software Engineering)

PROJECTS

GROUPUF

Dec 2020 – Present

groupuf.herokuapp.com

- Web app meant to solve and centralize the problem of finding class GroupMe chats for University of Florida students using Django and MongoDB.

PARACOSM FILE UPLOADER

Aug 2019 – Dec 2019

- Created a web app for Paracosm to have access to a versioned history of their device-unique calibration files as the group project for Intro to Software Engineering using Node.js, Express, React, AWS S3, and Firebase.

SKILLS

Technical: Experienced with Python, Java, C++, JavaScript, HTML, CSS
Familiar with C, R, MATLAB, SQL

Language: Bilingual Proficiency in Spanish