

FERNANDO RIVERA

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EDUCATION

UNIVERSITY OF FLORIDA

Gainesville, FL

B.S. Candidate in Computer Science with minor in Statistics (GPA: 3.59)

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 (COP 3530)
Intro to Software Engineering (CEN 3031)
Operating Systems (COP 4600)
Information and Database Systems I (CIS 4301)
- Extracurriculars: Hackathon participant (HackGT Fall '18, SwampHacks Spring '19 '20)
UF Software Engineering Club Member
UF Club Frisbee

AMERICAN HERITAGE HIGH SCHOOL

Plantation, FL

Top 30 of Class of 375

Class of 2018

- High Honors student, attended with full academic scholarship
- National AP Scholar (2018) and National Merit Scholar (2018)
- Linguistics Club President (organized studying and test-site for NACLO)
- Science Bowl Competition Club Vice-President and B-Team Captain

PROJECTS

FAMAT VISUALIZER

Jun 2016 – Present

<http://famatvisualizer.com>

- Designed a Django-powered website to better display and track Florida Mu Alpha Theta competition results.
- Accumulated over 68,000 pageviews from 8,000 users in its two-year existence.

WORK EXPERIENCE

UNIVERSITY OF FLORIDA

January 2020 – May 2020

Teaching Assistant

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

CSSI-COURSERA PROGRAM

July 2019 – August 2019

Teaching Assistant

- Conduct weekly video-chat office hours for my cohort of twelve students taking Coursera's Programming Foundations Specialization.
- Respond to student questions over Slack and organize community-building social chats.

RESEARCH

EARTH MATERIALS LAB, FLORIDA STATE UNIVERSITY

June 2016 – July 2016

Summer Lab Assistant

- Researched the elasticity of topaz as a function of temperature, culminating in a poster session and publication.
- Analyzed topaz's frequency spectrums by performing Resonant Ultrasound Spectroscopy with a Python script.

SKILLS

Technical: Experienced with Java, Python, Django, C++ and familiar with HTML, CSS

Language: Bilingual Proficiency in Spanish