

DANIELA ISABEL TRAVIESO

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EDUCATION

University of Florida

- Bachelor of Science in Computer Science, GPA: 3.25
- Coursework — Microprocessor Applications, Computer Organization, Data Structures and Algorithms, Computational Linear Algebra, Digital Logic, Discrete Mathematics, Programming Fundamentals 1/2.

May, 2020

EXPERIENCE

Engineering Practicum Intern, App Engine SRE, Google San Francisco Office

- Automated approximately 75% of a process by which App Engine is decommissioned from a zone alongside a fellow EP Intern. Used Python, automation frameworks, protocol buffers, and other company APIs to implement this project. Unit tested code using mocks and golden data. Reviewed quality, readability, and reusability of code with mentors and hosts.
- Co-designed a dependency graph which took note of the steps needed to be automated ('nodes') and their dependencies.
- Co-authored a design document which described the objective and the nodes to be automated.
- Organized a project plan to detail weekly sprints and measure progress.
- Presented project conclusions and takeaways to hosts, mentors, teammates, and other interns.
- Attended the Cloud Next '18 conference and the Google Women Engineers Summit.

May – August, 2018

Tutorials and Presentations at the University of Florida

- Organized a 'Final Lecture' by Dave Small, an esteemed professor at UF.
- Presented a Python workshop for SWE with 2 webscraping examples to open a website from the command line and to download a book from the internet.
- Created an AngularJS tutorial for WICSE by making a bookshelf example to add/remove books.
- Lead a 'Cracking the CDW' workshop to assist students looking for an internship.
- Delivered a 'Swamphacks Survival Guide' presentation to prepare people who were new to hackathons.
- Produced a chatbot tutorial using NodeJS, the Slack API, and Heroku. Encouraged audience to complete a challenge with the IBM Watson Conversation API.
- Demonstrated a personal website tutorial using HTML, CSS, and JavaScript.
- Designed a GUI/Swing tutorial with a friend by creating a MadLibs example in Java.

April, 2017 – Present

LEADERSHIP

Vice President, Former Outreach Chair, Association of Computer Engineers (ACE)

- Elected to be Vice President. Responsible for leading internal/external outreach and academic support.
- Received a gift from Google igniteCS to pioneer a 5 week VEX iQ program at a middle school to expose mentees to STEM and provide leadership opportunities for mentors.
- Headed the igniteCS program and delegated responsibilities to a group of 5 student leaders.
- Trained and mentored the External Outreach Chair to take over for year 2 of igniteCS successfully.
- Arranged for ACE's involvement in Engineer's Week 2017 by presenting at 5 events.
- Organized 10+ events to teach kids with VEX robotics, Snap Circuits, and Hour of Code workshops.

January, 2017 – Present

Technical Officer #1, Former Media Coordinator, Software Engineering Club (SEC)

- Curated tutorials and tech talks by selecting candidates and approving content.
- Organized meetings of a variety of topics such as hackathons, web development, game development, talks from professors, Chrome extensions, SWE internships, chatbots, and cross-platform mobile apps.

January, 2017 – May, 2018

SKILLS AND AWARDS

- Languages — Python, C++, C, HTML/CSS, Javascript (limited), VHDL (limited).
- Bilingual (Spanish and English)
- Awards — Grace Hopper Scholar (2017), Benton Engineering Council's 'Best Outreach' (2017), and nominated for Student Activities and Involvement's 'Member of the Year' for work involving ACE (2018).