

# DANIELA ISABEL TRAVIESO

// dtravie@gmail.com // 305-342-8073 // [handydani.github.io](https://handydani.github.io) // [github.com/handydani](https://github.com/handydani)

## EDUCATION

**University of Florida, Bachelor of Science in Computer Science, GPA: 3.25**

*May, 2020*

- **Coursework** — Software Engineering, Computer Aided Modeling, Databases, Microprocessor Applications, Computer Organization, Data Structures and Algorithms, Computational Linear Algebra, Digital Logic, Discrete Mathematics, Programming Fundamentals 1/2.

## EXPERIENCE

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

*May – August, 2018*

- 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 graph which detailed the steps 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.

**Teaching Assistant, Programming Fundamentals 2, University of Florida**

*August, 2018 – Present*

- Employed for 15 hours/week as an engineering tutor to teach, grade, proctor, and help students in a class where they learn C++ and simple data structures/algorithms.
- Responsible for leading 3 discussion sessions where students get help on their lab and take a lab quiz.

**Tutorials and Presentations at the University of Florida**

*April, 2017 – Present*

- Co-organizer of a 'Final Lecture' by Dave Small, an esteemed professor at UF.
- Presented a Python workshop for SWE with 2 web scraping 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.
- Co-delivered a 'Cracking the CDW' workshop and created a 'Swamphacks Survival Guide' presentation.
- Produced a chatbot tutorial using NodeJS, the Slack API, the IBM Watson Conversation API, and Heroku.
- Demonstrated a personal website tutorial using HTML, CSS, and JavaScript.
- Co-designed a GUI/Swing tutorial by creating a MadLibs example in Java.

## LEADERSHIP

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

*January, 2017 – Present*

- Elected to be Vice President. Responsible for leading internal/external outreach and academic support.
- Mentored new CS students for 4 consecutive semesters as a part of ACE's mentorship program.
- 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.
- Organized 10+ events to teach kids with VEX robotics, Snap Circuits, and Hour of Code workshops.

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

*January, 2017 – May, 2018*

- Curated tutorials and tech talks by selecting candidates and approving content.
- Organized about a variety of topics such as hackathons, web/game development, and SWE internships.

## SKILLS AND AWARDS

- **Languages and tools** — C++/C, Python, HTML/CSS, Javascript, MEAN stack, assembly, git, and Blender.
- **Bilingual** — Native speaker of 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).