DANIELA ISABEL TRAVIESO

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EDUCATION

University of Florida, Bachelor of Science in Computer Science, GPA: 3.25 *May, 2020*
- o **Coursework** — Software Engineering, Computer Aided Modeling, Databases, Microprocessor Applications, Computer Organization, Data Structures and Algorithms, Computational Linear Algebra

EXPERIENCE

Engineering Practicum Intern, App Engine SRE, Google San Francisco Office *May, 2018 – August, 2018*
- o Automated 75% of a process by which App Engine is decommissioned from a zone.
- o Used Python, automation frameworks, protocol buffers, and other company APIs to implement this project. Unit tested code using mocks and golden data.
- o Reviewed quality, readability, and reusability of code with mentors and hosts.
- o Co-designed a graph which detailed the steps to be automated ('nodes') and their dependencies.
- o Co-authored a design document which described the objective and the nodes to be automated.
- o Organized a project plan to detail weekly sprints and measure progress.
- o Presented project conclusions and takeaways to hosts, mentors, teammates, and other interns.
- o Attended the Cloud Next '18 conference and the Google Women Engineers Summit.

Teaching Assistant, Programming Fundamentals 2, University of Florida *August, 2018 – Present*
- o 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.
- o 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*
- o 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.
- o Created an AngularJS tutorial for WiCSE by making a bookshelf example to add/remove books.
- o Produced a chatbot tutorial using NodeJS, the Slack API, the IBM Watson Conversation API, and Heroku.
- o Demonstrated a personal website tutorial using HTML, CSS, and JavaScript.

LEADERSHIP

Vice President, Former Outreach Chair, Association of Computer Engineers (ACE) *January, 2017 – Present*
- o Elected to be Vice President. Responsible for leading internal/external outreach and academic support.
- o Mentored new CS students for 4 consecutive semesters as a part of ACE's mentorship program.
- o Founded a Google igniteCS chapter to pioneer a 5 week VEX iQ program at a middle school to expose mentees to STEM and provide leadership opportunities for mentors.
- o Headed the igniteCS program and delegated responsibilities to a group of 5 student leaders.
- o Trained and mentored the External Outreach Chair to take over for year 2 of igniteCS successfully.
- o 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*
- o Curated tutorials and tech talks by selecting candidates and approving content.
- o Organized a variety of talks about web/game development, hackathons, and SWE internships.
- o Co-organizer of a 'Final Lecture' by Dave Small, an esteemed professor at UF.
- o Created a 'Swamphacks Survival Guide' workshop and co-delivered a 'Cracking the CDW' presentation.

SKILLS AND AWARDS

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