DANIELA ISABEL TRAVIESO

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EDUCATION

University of Florida, Bachelor of Science in Computer Engineering, GPA: 3.54 *May 2020*

- o **Coursework** — Data Structures and Algorithms, Computational Linear Algebra, Digital Logic, Discrete Mathematics, Programming Fundamentals 2 and 1 (C++, Java)
- o **Languages** — Java, C++, HTML/CSS, Bootstrap, hardware/VHDL (limited), Bilingual (Spanish)
- o **Skills** — Dances salsa and bachata with the Gator Salsa Club
- o **Awards** — Grace Hopper Scholar, Benton Engineering Council's 'Best Outreach', and nominated for Student Activities and Involvement's 'Member of the Year' for ACE

EXPERIENCE

Tutorials for the Software Engineering Club *April 2017 – Ongoing*

- o Delivered a chatbot tutorial using NodeJS, the Slack API, and Heroku. Encouraged audience to complete a challenge with the IBM Watson Conversation API. Created and demoed a Slackbot that would respond to any message with Blackbear lyrics
- o Delivered a personal website tutorial using HTML, CSS, and JavaScript so members could have a technical experience. Challenged audience to complete projects.html on their own time
- o Delivered a GUI/Swing tutorial alongside a friend by creating a MadLib example in Java

Programmer at UltraHiNet LLC *November 2017 – Ongoing*

- o Currently employed to work on research projects commissioned by clients by using C/C++ and CUDA to improve legacy codebases and optimize high performance computing tasks

Website Development

- o Dtravie.com – Developed using HTML/CSS/Bootstrap to display projects and interests
- o Dtravie.com/emorinlaw – created for mom to display info about her office, specialties, and location

Hackathons

- o Designed a hardware hack at HackGT with spare parts from a Digital Logic class and an IR sensor. Wrote a script that would translate the output to whether an office door is open. *October 13 – 15, 2017*
- o Lead a team of 2 at Swamphacks by designing a UI for a random decision making application with Swift and Xcode. Attached functionality to buttons and arranged action panes with the storyboard utility *January 20 – 22, 2017*

Ron Paul Smith, computer vision class project *May 2017*

- o Project manager for a team of 6 in writing a computer vision project by using OpenCV libraries
- o Program takes a picture of a hand, makes it binary, and matches that image against a small database
- o Used this functionality to create a rock, paper, scissors game

LEADERSHIP

Vice President, Former Outreach Chair, Association of Computer Engineers (ACE) *January 2017 – Ongoing*

- o Elected to be vice president. Responsible for leading internal/external outreach and academic support
- o 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
- o Headed the igniteCS program and delegated responsibilities to a group of 5 student leaders
- o Currently training student leaders to take over for year 2 of igniteCS
- o Arranged for ACE's involvement in Engineer's Week 2017 by presenting at 5 events
- 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 – Ongoing*

- o Responsible for curating the tutorials by selecting candidates and approving content
- o Tutorials and meetings for the fall were delivered about websites, Chrome extensions, software engineering internships, chatbots, and cross-platform mobile apps
- o Developed plans to lead weekly career-readiness workshops and technical interview prep next semester
- o As media coordinator, documented 8 tutorials with pictures and videos