Victoria Carlos

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EDUCATION

University of South Florida (USF) Tampa, FL
B.S. in Computer Science | Minor in Creative Writing
Graduation: May 2019 | **GPA**: 3.5/4.0

EXPERIENCE

GE Digital, Predix Cloud Engineer Intern
June - August 2017
• Improved platform visibility and reduced mean time to resolution of 5 TB/day of Predix logs by creating dashboards and alerts with Splunk
• Documented Splunk log status, user XML and Git integration
• Strengthened canary monitor accessibility by coding Prometheus exporter in Go

LEADERSHIP AND SERVICE

Society of Hispanic Professional Engineers, Tech Director
May 2017 - Present
• Launching new Python teach series, tech trips, website redesign and local hack days to increase membership and coding interests
• Co-organizing university's first hackathon in Spring 2018

Women in Computer Science and Engineering, Secretary
August 2016 - May 2017
• Introduced new leadership position by guiding an underclassmen team that created a light tracing car via Arduino
• Taught monthly lectures with nonprofit organization, ITWomen, in encouraging female STEM involvement to K-12 schools
• Improved average attendance from 5 to 20 per event by collaborating with e-board of 8 in committing to 1 workshop a week in Spring 2017

Engineering Expo, Assistant Director of Corporate Sponsors
August 2016 - February 2017
• Exceeded $8,000 funding goal by recruiting 2 new company sponsors for university's annual 10-15,000 attended STEM outreach weekend

USF Green and Gold Guide, Tour Guide
January 2016 - May 2017
• Promoted university by hosting weekly tours to prospective incoming class of 4,000 students alongside 20+ tour guides and the Office of Admissions

SKILLS

Programming: Experienced: HTML, Java, Python, C/C++, Git
Software: VS Code, Vim, Arduino IDE | Beginner: Blender
Spoken Languages: English, Tagalog

PROJECTS

Currently Lights up the most pedestrian filled locations in Maps with real time/historical data; Built with Swift plus CityIQ API for GE Digital Challenge alongside 5 team members

Mangocade Four familiar addictive microgames; Built with Lua plus LOVE framework

Kevin the Talking Kakti Interactive cactus that tweets when in need of light, water, change in temperature; Built with C++ in Arduino IDE alongside 3 team members

Nascarduino Self made RC Car controlled via laptop; Utilized Autodesk Inventor to scale and design 3D printed parts; Built with C++ in Arduino IDE

AWARDS

Google Grace Hopper Grant Recipient | October 2017

Florida Bright Futures Academic Scholar | August 2015-Present

USF Scholars Gold Award | August 2015 - Present