

Araceliz M. Gomes

COMPUTER SCIENCE & ENGINEERING

150 Alpine St. Bridgeport, CT | (203) 768-3887

EDUCATION

University of Connecticut

B.S. Computer Science & Engineering

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Storrs, Mansfield, CT, USA

August 2016 – Present

Graduation: May 2020 (Senior)

SKILLS

Languages: Fluent in English, Spanish and Creole (Cape Verde Islands)

Programming Languages: (Proficient) Python, Java, SQL (Familiar) C, HTML/CSS, PowerShell, JavaScript, Angular, MATLAB, MIPS, Scheme.

RELEVANT COURSES

Intro to Computing for Engineers in Python, Intro to Principal Programming in Scheme, Data Structures and Object-Oriented Design in Python, Introduction to Discrete Systems, Digital Logic Design, Systems Programming in C, Computer Architecture.

EXPERIENCE

Inovum IT Solutions

Barcelona, Spain

Software Developer Intern

May 2019 - Current

- Building Smart Machine Monitoring Application within Docker container using Angular, JavaScript, Python and a Firebase database.
- Wrote article about IoT based Predictive Maintenance which has been published on the company newsletter and website.
- Conducting Research on Predictive Maintenance and IoT to be implemented within our Software.

University of Connecticut Student Affairs Information Technology

Storrs, CT

Systems Administration Student Employee (20+ hours/week)

Feb 2018 - Current

- Manages several projects throughout semester including software imaging on admin and client machines.
- Implemented management and configuration system for over 100 iPads, utilized by Student Servicing UConn departments.
- Develops scripts for server and database management throughout year with PowerShell and Python.

Connecticut Center for Advanced Technology, Inc.

East Hartford, CT

Technical Support and Data Management for Manufacturing Intern

Jan 2018

- Applied MySQL and SQL to build database for CCAT Manufacturing Floor Data of Alloy Processes for the Navy.
- Leveraged MATLAB skills to develop software to automatically generate multiple graphs of Sound Data.

Municipal Parking Services

Bridgeport, CT

Digital Marketing Intern

June 2017-Aug 2017

- Developed marketing platform for the City of Bridgeport, selling ad space to local businesses.
- Managed social media platforms. Updated website.

PROJECTS

GOOGLE CodeU Participant SU'2018 • Team 34 Chat App

Participated in CodeU, an exclusive Software Development program for high potential students to strengthen their skills.

- Collaborated with a team of three peers to design and implement a user interest-based chat web application with Java, JavaScript, HTML and CSS over the course of 12 weeks, leveraging various Google Cloud Platform APIs, including App Engine and Datastore.
- Contributed to open source software using Git and GitHub, conducted regular code reviews with/for teammates, extended an existing codebase, designed new components and interfaces and lead them to completion.
- Personal contributions to Chat Web Application include the creation of the Group and Private Conversations Feature, the Add and Remove Users from a conversation Feature, and the Profile Pages which consist of an 'About Me' section and a 'Most Recent Activity' Log. In addition, I created the most recent Graphic User Interface for our Chat Application.

"CELIA" Chatbot

- CELIA is a simple conversational Chatbot coded with Python. Users can converse with CELIA via command line.

LEADERSHIP & AWARDS

Hispanic Scholarship Fund Scholar – 2019

VMWare CodeHouse Travel Grant Recipient – 2019

Grace Hopper Scholarship Recipient – 2019

GOOGLE Lime Scholarship Recipient – 2019

GOOGLE Travel Grant Scholar - SHPE 2018

Women Techmakers Scholar - GOOGLE Chrome Dev Summit 2018

Society of Professional Hispanic Engineers, Event Planner, Board Member

BRIDGE Mentor – UConn Engineering Outreach Diversity Center

Engineering Ambassadors Member and Tour Guide

Aug 2016-Current

Oct 2017-Current

Aug 2016-Current