Mia Sylvia Garcia
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EDUCATION   Bachelor of Science in Information Science, Minor in Creative Writing
May 2022 University of Maryland, College Park

ANALYSIS AND CODING EXPERIENCE

Data Analysis: IoT Sensors in Waste Management   September 2021 – December 2021
- Leading team in analysis of applying IoT technology to assist waste management in highly populated cities like New York City as to understand the effects of potential Smart City development in the U.S.
- Running simulations using Python and R, using monetary savings as a measurement of success.

Data Analysis: Telecom Users   March 2021 – May 2021
- Developed machine learning classifiers to accurately predict the churn of telecom users.
- Responsible for decision tree and random forest model using Python.

Data Modeling and Web Application: D.C. Monuments-Restaurants   February 2021 – May 2021
- Complied database of U.S. Capitol monuments and restaurants using SQL.
- Pitched presentation and detailed report of website design incorporating database while establishing layout in consideration of HTML, CSS, JavaScript, and VanillaJS with Bulma.
- Developed frontend and backend of website with team using Heroku and GitHub.
- Responsible for HTML and CSS of website design.

Statistics in Information Science: Natural Disaster Analysis   October 2020 – December 2020
- Examined dataset containing over 50,000 records of U.S. natural disasters categorized into sixteen incident types that show incident begin/end/closing dates, FIPS codes, states, and zip codes using R.
- Reported an analysis that confirmed hurricanes are shown to create the most damage while floods and the Corona Virus closely follow.

LEADERSHIP AND STUDENT INVOLVEMENT

The Society of Hispanic Professional Engineers, Vice President of External Affairs July 2021 –May2022
- Initiated project for a STEM afterschool program at a local elementary school.
- Led off-campus events that created a safe and inclusive community amongst our members.
- Supported SHPE members in their pursuit of professional career development by providing resources, information, advice, and support.

Jimenez- Porter Writers' House Member   July 2020 – May 2022
- Participating in living, learning program to strengthen skills as a short story prose author.
- Lead critique sessions to strengthen fellow writer's pieces.
- Skilled in independent proofreading and self-editing.
- Responsible for completing portfolios for each course in chosen literary genre.

WORK EXPERIENCE

Accenture: Technology Architecture Delivery Analyst.   September 2022 – Current
- Collaborated with offshore and client team to develop and validate integrated solutions (INFOR ERP)
- Supported testing efforts to confirm system was operating as expected.
- Supported the onshore functional team with monitoring, managing, and reporting of deliverables.
- Developed and edited process flows using Microsoft Visio.
- Lead facilitator for a six-week technology and business curriculum for high school students.
- Created dashboards using PowerBi

Department of the Treasury: Technology Support Intern   September 2021- December 2021
- Conducted UAT on numerously provided scripts and in a timely manner, reported if outputs were successful or problematic in either functionality or usability.
- Applied strategies in an Agile workflow environment to manage productivity in development while practicing daily participation in SCRUM and script reporting meetings.
- Reviewed and revised presentations and documentations in relation to software project.
- Observed and participated in software work demos in conjunction with accountants and web developer proxies while providing necessary feedback.

SOFTWARE PROFICIENCIES
Python – SQL – R – Microsoft Word and Excel – HTML – CSS – JavaScript - PowerBI