**EDUCATION**

**University of Hartford**, West Hartford, CT May 2020

* Bachelor of Science in Biomedical Engineering GPA: 2.79
* Concentration in Research: Neurology

**Rutgers University**, Jersey City, New Jersey June 2021

* Certificate in Data Science

**SKILLS & CERTIFICATIONS**

* Bilingual in both English and Spanish
* Good communication, time management, multi-tasking skills & a quick typewriter
* Data Science & ISLE Certificate (Integrated Solutions Laboratory Experience)

**Technical SKILLS**

* **Languages:** Python, R, JavaScript, HTML5, SQL, C++, Arduino, MATLAB, & LabVIEW
* **Applications:** GitHub, MongoDB, MySQL, PostgreSQL, AWS, Flask, Tableau, Visual Studio
* **Tools:** Excel, VBA, Scikit learn, Python-APIs, Databasing, Pandas, Jupyter-Notebook, Machine-Learning

**PROJECTS**

**Biomedical Senior Design Capstone Project** Jan-June 2020

* Created an Isometric rig to retrieve accurate data while using a dynamometer
* Designed on SolidWorks a 3-D model of device

**Project: Analyzing Gaze Data to Study Infant Cognition and Learning** Jan-Jul 2020

* Translated data recorded from subjects into a comprehensible time sheet to analyze
* Utilized MATLAB & Excel to create a program that was able to understand the data

**Project: JavaScript Visualization to study usage of Citibikes in NY**  May-June 2021

* Used Google Collaboratory to compress huge sets of data using pyspark
* Tools: HTML, CSS, JS, D3.JS, JSON & GitHub([Link](https://github.com/gonzal29/Final_Project-1.git))

**WORK EXPERIENCE**

**Intern ISLE** (Integrated Solutions Laboratory Experience) May-Jun 2019

*University of Hartford & St. Joseph University*

* In a cross functional team to make a device to assist children with a disability
* Researched, selected, and inserted sensors to device w/Arduino (Programmed bot with selected sensors)
* In collaboration with CT Next, CT NASA Space Grant Consortium, Capital Community College, University of Hartford, and the University of Saint Joseph

**Laboratory Aide,** *Bioreference Laboratories, Elmwood Park, NJ* Dec 2020-Present

* Assisting lab technicians with their work as well as map, load, and store lab specimens

**ACTIVITIES/VOLUNTEER WORK**

* UH affiliation of BMES (Biomedical Engineer Society) Sep 2017-May 2020
* UH affiliation of Philosophy Club Sep 2018-May 2020
* Volunteer for Food-Share (Hartford, CT) Feb 2018-May 2020
* BMES (Biomedical Engineering Society) Sep 2019-Sep 2020