GONZALO TUCKER

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GitHub
LinkedIn
Website

EDUCATION

San Diego State University, San Diego, CA **December 2019**
Bachelor of Science in Astronomy
Minor in Mathematics

TECHNICAL SKILLS

- Skilled: Python, MySQL, Linux, TensorFlow
- Experienced: NodeJS, Big Data, HTML, PySpark, Tablueau
- Tools: GitHub/Git, VS Code, Bash
- Cloud Technology: Azure Databricks, Azure Machine Learning, Azure Cognitive Functions

DATA ANALYTIC PROJECTS

HR Data Analysis | Code

- Sample of Analysis of HR data | **Data Preprocessing**, **Data Exploration**, Training the Model, Feature Selection

RELEVANT EXPERIENCE

Software Engineer, Digital Communications Solutions **March 2021 – September 2021**

- Tested new software releases by developing and implementing test plans, test cases and test processes on 5 software releases using **JIRA**
- Preprocessed, validated, and visualized data using **NodeJS** and **Python** to assist Engineers in making data-driven decisions
- Created and maintained accurate documentation for the release of an upcoming IoT sensor product

Lab Technician, Digital Communications Solutions **November 2020 – March 2021**

- Analyzed incoming IoT data and exported visuals/reports to **Microsoft Word**
- Oversaw internal database responsibilities and accept modification requests from staff in a timely manner
- Install and **configure computer operating systems**, applications, and client software for the Operations department
- Ran diagnostics for quality assurance using **MySQL** to ensure proper firmware and software

CHAMP Advisor / Researcher, University of Pennsylvania, Philadelphia PA **Summer 2019 / Summer 2020**

- Effectively communicated research results to **non-technical audience** of over 500 people by using figures, analogies, and appropriate language to tell a story
- Assisted team members in setting up workspace environments
- Accessed computational clusters via **SSH** to run computational workloads