

Carter K. Richard

486 North Pin Oak Place, Longwood FL 32779

□ (+1) 689-227-1916 | □ carter.k.richard@icloud.com

Experience

Project Data Analyst (Temp)

Buena Vista, FL

THE WALT DISNEY CORPORATION

January 2024 - September 2024

- Prepared 20k+ enterprise records for **Disneyland Resort** and **Aulani Resort** to support an operations management *platform implementation*.
- Developed *data models* and implemented *statistical techniques* to solve complex business problems.
- Collaborated with cross-functional teams to define project requirements and deliver actionable recommendations based on *data analysis*.

GCP Data Engineer

Remote

66 DEGREES, LLC

January 2022 - May 2023

- Named Data Services MVP in November of 2022 for providing outstanding customer service to retain a mission-critical client relationship with **Old Dominion Freight Line (ODFL)** by supporting a *FiveTran* implementation for change-data capture (CDC) from an on-premises database.
- Led a team of 3 technical personnel to develop an end-to-end solution architecture proposal with supporting documentation for a nonprofit's Google Analytics data migration at **Wounded Warrior Project**, which resulted in an awarded contract and net-new client relationship.

Data Analyst

Remote

DELOITTE CONSULTING, LLP

June 2020 - December 2021

- Conducted data model analysis and implemented a RESTful API endpoint in the *Python Flask* framework for enhanced business intelligence as part of the proof-of-concept architecture for the ADaPTS reporting system at the **Department of Homeland Security (DHS)**.
- Designed and deployed a *Microsoft PowerBI* tenancy at **DHS** for real-time financial insights over approximately \$1.2M in federal appropriations, alleviating customer pain points in complex reporting workflows for complex data cleaning and transformation processes.
- Conducted data visualization classes for Deloitte 'Community of Practice' cohorts using *rayshader* and *ggplot* packages in *R*.

Clinical Engineer

Orlando, FL

ADVENTHEALTH

May 2019 - May 2020

- Delivered on-call technical troubleshooting and hardware repair services to clinical staff at **AdventHealth Orlando**, including emergency and surgical equipment such as cardiac defibrillators, real-time patient bio-monitors, uninterrupted power systems (UPS), and medical infusion pumps.
- Identified over 500 misconfigured medical infusion pumps with erroneous networking IDs through *applied data analysis*. Located physical devices across hospital campuses by tracking their Wi-fi signal strength and employing *Real-time Location Systems (RTLS)* techniques.

Education

Rollins College

Winter Park, FL

B.A. IN PHYSICS, MINORS IN ENGLISH & MUSIC

August 2013 - May 2018

Proficiencies

Google Cloud Platform

BigQuery, Compute Engine, Cloud Storage, Cloud SQL, Dataflow, Vertex AI, Cloud Run, Cloud Functions

Project Management

Version control, CI/CD, Agile methodology, Scrum framework, systems analysis, implementation planning

Tools & Frameworks

Google Cloud SDK, RStudio, Jupyter/Colab, Docker, Git, PowerBI, Streamlit, Shiny, Flask, Terraform

Coding Languages

R (esp. Tidyverse) Python (esp. Pandas), SQL (esp. GoogleSQL, SnowSQL, PostgreSQL), HTML/CSS, Shell, Bash

Data Engineering

Extract-Transform-Load (ETL), data migrations, batch & streaming pipelines, machine learning (esp. MLOps)

Data Analysis

Exploratory Data Analysis (EDA), data journalism, publication-ready visualization, interactive dashboards

Accreditations

Google Cloud Platform

CERTIFIED PROFESSIONAL DATA ENGINEER, CERTIFIED PROFESSIONAL MACHINE LEARNING ENGINEER

March 2020 - Oct 2024

The Walt Disney Corporation - Finance & Data Analytics Academy

BUSINESS INTELLIGENCE I, II, III & DATA SCIENCE I, II

February 2024

References available by request