

ALEX DIAZ

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🐙 GitHub · in LinkedIn · 🐦 Twitter · 📁 My website

EDUCATION

Georgia Institute of Technology

Master of Science in Computer Science

Atlanta, GA

Jan. 2021 – May 2024

The University of Georgia

Bachelor of Arts in Economics, Minor in History

Athens, GA

Aug. 2013 – May 2017

EXPERIENCE

Software Engineering Tutor

FDS Services

Jan 2021 – Present

Tokyo, Japan

- Teaching students engineering practices and fundamentals of **Java**, **Python**, MIT Scratch, and **OO** design

Data Analyst Manager

United Parcel Service (UPS)

Nov 2018 – Nov 2019

Sandy Springs, GA

- Assembled and developed automated data reporting for executive leadership in US sales territories with **SQL**, **Python's Pandas**, and **Power BI**
- Led inter-team coordination to automate reporting practices. Reduced daily reporting workloads from 3 hours to 3 minutes by automating reports using Python and Microsoft **VBA** with **SQL** database
- Implemented **SQL** server database jobs to minimizing manual maintenance and reporting requirements
- Addressed production bugs and made improvements in existing inter-team reporting in **Python**, **VBA**, and **SQL**. Eliminated consistent negative feedback logs for in-production reports

Data Analyst Volunteer

Bredesen for Tennessee Senate

July 2018 – Sept 2018

Nashville, TN remote

- Created data visualizations to impact voter turnout with **Tableau**
- Generated weekly reports using **SQL**, Excel pivot tables, and **VBA** macros; provided metric reporting
- Presented analytical data to multiple teams, demonstrating analytical data to add value to on-the-ground efforts

PROJECTS

Raven's Progressive Matrices (RPM) AI agent

- hello

TECHNICAL SKILLS
