Diego Amores

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SUMMARY

Student at the University of Maryland, College Park majoring in Information Science. I have technical skills using Python, SQL, Virtualization, etc. I am a passionate student looking for a career in system/database administration.

EDUCATION

University of Maryland, College Park
Bachelor of Science, Information Science   Anticipated May 2022
GPA: 3.30

EXPERIENCE

MCPS Tech Mod

Montgomery County Public Schools   July 2021 – August 2021

- Assisted with the installation and management of new computers across Montgomery County Public Schools.

COVID-19 Live Tracker Project

Information Science 326: Object-Oriented Programming   September 2020 – December 2020

- Assigned to a team of 4 members that contributed to developing a Python command-line that keeps track of live COVID-19 information.
- Used Git to commit changes to the development of the project on GitHub.

PROJECTS

COVID-19 Tracker, Collaborator

COVID-19 Tracker is an extraction tool that collects the latest information about COVID-19 cases

and deaths across all 50 states and displays information to users.

- Developed in Visual Studio Code using Python with panda's library and matplotlib to display analysis and visualization ofcurrent COVID-19 statistical data.
- Deployed project on to GitHub with various other team members that contributed to the project.

Vinyl Record Database, Collaborator

The database consists of tables such as songs, prices, artists, etc. to organize vinyl information for users.

- Developed in MySQL Workbench to organize data about vinyl records to create views, functions, and triggers for users.
- Deployed project to GitHub with team members that contributed to the project.

Projects are also available on my Git Repository.

SKILLS

Information Science

- Filtered data for analysis using panda's library in Python.
- Knowledge of database design, subqueries, common table expressions, views, triggers, functions, transactions, etc.
- Knowledge of database storage, database back-up and restoring, and database recovery.
- Provided data visualization using matplotlib in Python.
- Knowledge of information organization systems, information resources and collections, metadata and metadata schemas, values, and ethics in information work.

Programming Languages/Technologies

- Programming Languages: Python, Java, C++, C
- Database: MySQL
- Frameworks: Django, Bootstrap
- IDEs: IntelliJ, Eclipse, Visual Studio Code, RStudio
- Operating Systems: Windows 10, macOS, and Linux (Fedora, Ubuntu)
- Git

Information Systems

- Project Management
- Database Management
- Team Management
- Planning and Organizing Data
- Information Retrieval Systems