Diego Amores

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SUMMARY

I am a student at the University of Maryland, College Park studying Information Science. I have various technical skills using Python, SQL, virtualization, and networks for computer systems. I have projects on my GitHub that reflect some of these skills. I am a passionate student looking for a career in computer or database administration. I had various projects that involve teamwork, effective communication, documenting and completing tasks on time. Check my previous projects here, all are open-source on GitHub. Please do not hesitate to reach out if you have any questions, and I look forward to the opportunity to speak with you. The best way to contact me is through my email.

INTERESTS

- System and Database Administration
- Web Development
- Data Science

EDUCATION

Bachelor of Science, Information Science — Anticipated May 2022
University of Maryland, College Park, MD

EXPERIENCE

Information Science 327: Database Design and Modeling — September 2020 – December 2020
Professor Duffy

- Worked with a contributing team to develop a vinyl record database in MySQL Workbench.
- Applied skills of project management, teamwork, and effective communication to deliver team project.

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

- 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 COVID-19 project on GitHub.

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

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 Python using panda's library and matplotlib to display analysis and visualization of current 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, vinyl, etc. to organize vinyl information for users.

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

UMD Grades, School Project

UMD Grades is a command-line interface script that calculates grades with the dedication of points on assignments and displays statistical information.

- Developed in C in a Linux environment with GCC to compile code.
- Deployed to GitHub for students that want to calculate their weighted grade.

Morse Code App, School Project

Morse Code App is a JavaFX application that converts Morse code into English and vice versa for reading files.

- Developed in Java to read Morse code from GUI or files using IntelliJ IDEA.
- Deployed to GitHub for students that want to translate Morse code to readable English.

This resume is also available on my GitHub Resume Website
