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 and database administration. I had various projects that involve teamwork, effective communication, documenting and completing tasks on time. Check my previous projects here, most 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 further. The best way to contact me is through my email.

INTERESTS

- Database and System Administration
- IT Architecture
- Web Development
- Data Science

EDUCATION

Bachelor of Science, Information Science   Anticipated May 2022
University of Maryland, College Park, MD
GPA: 3.0/4.0

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 library 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
- Framework: Django, Bootstrap
- IDEs: IntelliJ, Eclipse, Visual Studio Code, RStudio
- Operating Systems: Windows 10, macOS, and Linux(Fedora, Ubuntu)
- Tools: 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 latest information about COVID-19 cases and deaths across all 50 states and displays information to users.
- Developed in Python using pandas and matplotlib libraries to display data analysis and visualization.
- Deployed project on to GitHub with various other team members that contributed to the project.

[Vinyl Record Database](#), Collaborator

Vinyl Record Database is a database that consists of 20 vinyl records using an entity relationship diagram for design. The database consists of tables such as songs, prices, artists, vinyl, etc. to organize the structure of information to 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 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 IDE: 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](#)