Diego Amores

# SUMMARY

Silver Spring, MD

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Undergraduate at the University of Maryland, College Park, majoring in Information Science with knowledge of

Python, Java, SQL, and Web Technologies. Interested in software, database, and web development.

# EDUCATION

University of Maryland, College Park

Bachelor of Science, Computer Information Science

GPA: 3.45

**EXPERIENCE**

**IT Support Assistant**

Montgomery County Public SchoolsJul 2021 – Present

Assisted with installation, management, and configuration of systems across Montgomery County Public Schools. Diagnosed and resolved computer and network problems. Provided proper resolutions for faulty systems and applications.

[**UMD Urban Agriculture Data Tool**](https://github.com/DiegoAmores/UADataTool)**, Collaborator (Public Repository)**

The Urban Agriculture Data Tool is a website that aims to centralize and display data on the small and medium-scale urban agriculture operations in Prince George’s County.

* Restful APIs are used to create, read, update, and delete data from the database, which also modifies the website’s content.
* The data displayed on this website is stored on a MySQL database which is also hosted through Heroku using ClearDB.

**PROJECTS**

## [COVID-19 Tracker,](https://github.com/DiegoAmores/COVID-19-Tracker) Collaborator (Public Repository)

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 of current COVID-19 statistical data.
* Deployed project on to GitHub with various other team members that contributed to the project.

## [Vinyl Record Database,](https://github.com/DiegoAmores/Vinyl-Record-Database) Collaborator (Public Repository)

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](https://github.com/DiegoAmores/).

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# 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