
SUMMARY

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 Schools

Jul 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](#), 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 MySQL.

PROJECTS

[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](#), 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](#).

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