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## SUMMARY

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 am a passionate student looking for a career in database or system administration.

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## EDUCATION

Bachelor of Science, Information Science  
University of Maryland, College Park, MD  
GPA: 3.30

Anticipated May 2022

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## EXPERIENCE

### 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.

### 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.

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## 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 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 for users.
- Deployed project to GitHub with team members that contributed to the project.

Projects are also available on my [Git Repository](#).

# SKILLS

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## 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.
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## 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