

## SUMMARY

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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.

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## INTERESTS

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- System and Database Administration
  - Web Development
  - Data Science
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## EDUCATION

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Bachelor of Science, Information Science  
University of Maryland, College Park, MD

Anticipated May 2022

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## EXPERIENCE

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### 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.
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## 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.

## 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

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## PROJECTS

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### 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 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](#)