Youssef Mashaly

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EDUCATION

Overall GPA 3.98

Georgia Institute of Technology   Atlanta, GA

Bachelor in Computer Science, Concentration in Cybersecurity and Media   *May 2024 – May 2026*

- **Selected Coursework**: Data Structures and Algorithms, Objects and Design, Object Oriented Programming, Linear Algebra, Multivariable Calculus
- **Organizations**: Wreck Racing

Georgia State University Honors College   Atlanta, GA

Bachelor in Computer Science   *Aug 2023 – May 2024*

- **Selected Coursework**: Discrete Mathematics, Probability and Statistics, Physics II
- **Organizations**: Arab Cultural Association
- **Honors and Awards**: President's list Fall 2023 and Spring 2024

Fulton Science Academy   Alpharetta, GA

High School Diploma   *Aug 2019 – May 2023*

- **Selected Coursework**: Computer Science, Calculus, Physics I, Chemistry, Biology
- **Organizations**: Astronomy, Beta Club, Soccer (Assistant Coach)
- **Honors and Awards**: Presidential Volunteer Service Award (PVSA)

PROJECTS

Spotify Wrapped | *Python, JavaScript, HTML/CSS, Git, Django*   Oct 2024 – Present

- Leading a team to develop a full-stack web app that provides users with an interactive summary of their music listening statistics.
- Developing core features, including personalized insights from Spotify data, dark/light mode, multi-language support, and seamless device compatibility. Deploying the app on a cloud hosting infrastructure for easy access.
- Delivering an engaging front-end interface with capability to gather user feedback to refine functionality and usability. Documenting all functions with comprehensive docstrings and JSDoc to ensure maintainability.
- Applying Agile methodology and using the Scrum framework.
- Collaborating using GitHub for version control.
- Integrating the Spotify API.

Atlanta Food Finder | *Python, JavaScript, HTML/CSS, Git, Django*   Aug 2024 – Oct 2024

- Led a team of five developers to complete a full-stack food finder web app that help users find their idea food options around Atlanta, GA
- Developed the back-end of the web app with Google Maps integration for map functionality and restaurant info, offering multiple filters such as cuisine type, restaurant type, ratings, and inclusive dietary restrictions.
- Designed a user-friendly front-end interface with error proof sign-up functionality and user sessions that allows users with an account to store and search their favorite restaurants.
- Applied Agile methodology and used the Scrum framework.
- Collaborated using GitHub for version control.
- Integrated the Google maps API for geolocation and restaurant database.

Startup Idea Organizer | *Java, JavaFX*   April 2023 – May 2023

- Developed a desktop app in Java utilizing JavaFX to store startup ideas for young entrepreneurs.
- Completed an app utilizing that gathers and checks relevant information to create start-up idea objects.
- Coded functions to create a file to store the startup ideas to then organize, modify, and retrieve them
- Utilized object oriented, imperative, and functional programming paradigms.

SKILLS

Coding Languages: Java, Python, JavaScript, R
Frameworks: Django, HTML/CSS, JavaFX, JUnit
Developer Tools: Git, IntelliJ, VS Code, PyCharm
Languages: English (Fluent Proficiency), Arabic (Fluent Proficiency), German (Limited Working Proficiency)