Myles Gianni Burke

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myles-burke.github.io

EDUCATION

James Madison University, Harrisonburg, VA

Bachelor of Science Computer Science   **Expected May 2027**

Minor in Statistics

GPA: 3.5

SKILLS

- Programming: Python, Java, C, Git, HTML, CSS, R (in progress - Fall 2025)
- API: Alpaca Markets API, Twelve Data API, Telegram API, Market Stack API
- Software: Word, Excel, Adobe Premiere Pro, DaVinci Resolve
- Language: Upper-Intermediate Level of Mandarin (10 school years of study)

INDEPENDENT PROJECTS

Automated Trading Bot — *Python* (Mar 2025)
- Developed an automated trading bot that integrates a multitude of different APIs.
- Hosted daily on the cloud hosting platform Railway.
- Uses a variety of technical indicators and proper risk management for placing real-time orders, back testing custom strategies, retrieving historical market data, and sending real-time alerts.

Cuisine Search — *Java* (Jul 2024)
- Developed a Java GUI that finds nearby restaurants using web scrapping on Google Maps website.
- Allows users to select a desired cuisine and generates a list of relevant nearby restaurants.

CLASS PROJECTS

Command-line shell — C*, Team Project* (September 2025)
- Collaborated with a team of two to build a command-line shell with functionality similar to Bash.
- Implemented commands such as pwd, which, chmod, head, and others.

Recipe Editor — *Java, Team Project* (Oct 2024)
- Worked in a team of five to develop a recipe editor in a Scrum-like environment.
- Built features to create, edit, and manage recipes with a user-friendly interface.

WORK HISTORY

Harrisonburg Redevelopment Housing Authority   **Jan 2024 - Current Harrisonburg, VA**

Student Office Assistant, Part-time
- Assist low-income families in the Harrisonburg area with their rent through housing vouchers
- Perform administration tasks including filing, organizing, and editing paperwork