

**Dean Barry**  
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[dpbarry.github.io](http://dpbarry.github.io)

Veteran in creating efficient full stack web apps with a specialty in designing humanistic modern UI. Fluent in modular, scalable, and detail-oriented software design rooted in functional and object-oriented programming.

## Background

### McGill University (Montréal, Canada)

*August 2023–*

Currently in my third year pursuing a B.A. in Software Engineering with a minor in Linguistics. Maintaining a CGPA of 3.4 / 4.00, with coursework emphasizing software design, algorithms, and systems programming.

### Midtown High School (Atlanta, GA)

*May 2023*

Graduated with a GPA of 4.40 / 4.00. Selected as a National Merit Scholar and recognized as one of only 40 students statewide invited to the U.S. Presidential Scholarship Program for outstanding academic achievement.

### Google Data Analytics Professional Certificate

*July 2023*

Earned a [professional certification](#) in data analytics from Google, developing a foundation in data cleaning, visualization, and interpretation.

### Dishwasher – Longleaf Restaurant & Le Petit Marché

*Summer 2024*

### Crew Member – Trees Atlanta

*Summer 2023*

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## Projects

### [translateASL](#)

*Feb 2025*

Developed a web-based ML translator bridging spoken language and ASL finger signs. The project was awarded 1st Place at the competition. I wrote the approximately 1k line file that spanned both the front-end of the site and the back-end ML model requests.

### [Logix](#)

*Winter 2024*

Created a mathematical logic puzzle game website. I constructed it as a single-page app experience from scratch with JS, HTML, and CSS with a keen eye for efficiency and UX. I designed it to support both desktop and mobile view.

### [Fantasy Fantasy \(WIP\)](#)

*Summer 2025*

Built a fantasy incremental game. Designed an elaborate game engine in JS that heavily incorporates serialization, object-oriented programming, parallelism, and modularity.

### [Rummigrams](#)

*Winter 2026*

Created a spatial puzzle game. Uses local Raspberry Pi as a server allowing players around the world to play against each other live. Prioritizes intuitive and satisfying UX.

### [Sustainify](#)

*Winter 2026*

Designed a Chrome extension that automatically generates an overview of a product's sustainability factors while online shopping. Incorporated intelligent scraping, multi-step AI pipeline, elegant interface, and a persistent gamified dashboard.