

Dean Barry
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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

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.