IAN DRAVES

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EDUCATION

BA in Computer Science, University of Colorado Boulder — May 2025
GPA: 4.0 — Relevant courses: Data Structures, Computer Systems, Discrete Math

SKILLS

Proficient	JavaScript, Python, HTML, CSS
Familiar	C, C++, Rust, Go, Java, C#
Frameworks	React, Node.js, Bootstrap, UIKit
Tools	Linux, Git, GitHub, VS Code, Slack
Concepts	Algorithms, data structures, OOP, AGILE

PROJECTS

Droplet JavaScript, HTML, CSS, UIKit — [GitHub]

- Created a web app for efficient note taking in debate rounds.
- Used vanilla JavaScript for state rendering.
- Implemented keybindings for efficient end-user control.
- Utilized UIKit for minimal, focused design.

Ava Python, Google Cloud, DuckDuckGo API, Wikipedia API — [GitHub]

- Created a privacy focused virtual assistant powered by DuckDuckGo.
- Retrieved data from DuckDuckGo's Instant Answer API.
- Implemented modern TTS with Google Cloud.
- Won "Best Overall" at CodeDay hackathon.

OttoDJ Go, JavaScript, HTML, CSS, Electron, Material UI — [GitHub]

- Created a music player to automate DJing.
- Designed front-end of application using MaterialUI.
- Wrote interfacing code for local Go server.
- Won "Best Overall" at CodeDay hackathon.
- Won 2nd place at Larimer county's YET competition.

EXPERIENCE

Software Developer on CIRC Team — Feb 2022 - Present
Blueprint Boulder — *Boulder, CO*

- Added multi-language support with i18n library (English and Spanish).
- Designed and implemented the Public Resource page.
- Developed custom button and modal React components.