

CONNOR HEAGY

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Education

Grinnell College

Grinnell, IA

B.A. Computer Science & B.A. Studio Art

Expected May 2026

Relevant coursework: Object-Oriented Problem Solving, Imperative Problem Solving, Functional Problem Solving, Artificial Intelligence, Analysis of Algorithms, Software Design & Development

Experience

UX/UI Designer, Co-founder

August 2025 – Present

Velox LLC

Grinnell, IA

- Designed **100+** high-fidelity **Figma mockups** and **20+** **wireframes**, building a reusable library of **30+** **components** to accelerate mobile iOS development.
- Led extensive user research, synthesizing insights into **3 personas** and conducting **25 usability tests** to refine product workflows.
- Collaborated with engineers, contributing **70+ commits** and designing database schema to ensure seamless backend integration supporting UX features.
- Developed responsive **HTML/CSS email templates** for authentication flows and marketing campaigns, improving user onboarding and engagement.

Undergraduate Researcher, Machine Learning in Running Plan Generation

Summer 2025

Grinnell College

Grinnell, IA

- Designed and tested **application interface prototypes** emphasizing minimalist data visualization and usability for training load, RPE, and progression tracking.
- Synthesized **user research from 8 NCAA coaches interviews** into design specifications, ensuring alignment between training science and user experience.

Graphic Designer

August 2023 - May 2025

GOGUE Student Magazine

Grinnell, IA

- Designed **75+ finalized magazine spreads** and with over **10+ reusable templates**, utilizing Adobe Photoshop, InDesign, Acrobat, and Lightroom.
- Collaborate with editorial team to translate written content into compelling visual presentations, abiding by copyediting protocol to ensure publishing deadline delivery and high quality.

Projects

Notify - Spotify Playlist and Song Annotation Application | *TypeScript, CSS, JavaScript*

November 2025

- Conducted **3 Spotify user interviews**, **2 observational user sessions** with low-fidelity prototypes, and **1 persona** created for interface development reference.
- Lead frontend development and **designed asynchronous button behaviors** and interactions, following a global application design protocol to ensure consistency.
- Increased user productivity by **minimizing page redirects** and centralizing form inputs.

Echo - Music Sharing & Discovery Platform | *Python, JavaScript, HTML, CSS, JavaScript*

August 2025

- Conducted **4 observation user interviews** to identify pain points in interface workflow, using feedback and notes to develop **2 user personas** for product refinement.
- Developed **15 high-fidelity Figma mockups**, with a library of **5 reusable components**.
- Integrated **CI/CD pipeline** for scalable and verifiable code-base, as well as developing responsive HTML pages with consistent CSS styling.

Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, SQL, Scheme, R

Developer Tools: VS Code, Git, Postgres, MongoDB

Technologies/Frameworks: Figma, Adobe Photoshop, InDesign, Acrobat, Lightroom, GIMP, GitHub, FastAPI

Leadership / Extracurricular

NCAA DIII Cross Country & Track Athlete

August 2022 – Present

Team Captain

Grinnell College XCTF

- Received All-Regional Academic Award, given to the top **25% of finishers** at Regionals with an exceptional GPA.
- Maintaining a well-managed schedule with academics and athletes, committing a **minimum of 20 hours per week** for practice, captain meetings, races, and traveling.