

# Jeremiah Dawson

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## EDUCATION

### Carleton College

*Bachelor of Arts in Computer Science, Minor in Mathematics*

Northfield, MN

June 2027

## PROFESSIONAL EXPERIENCE

### John Hancock

*Global Retail Operations & Product Strategy Intern*

June - August 2025

Boston, MA

#### Portfolio Performance Analysis Macro

- Designed a custom Excel VBA macro tool to evaluate investor portfolios against market performance.
- Generated graphical and numerical insights to assess investment strength and decision-making accuracy.

#### NextGen AI Presentation

- Co-developed a presentation on emerging technologies (automation and AI), highlighting their impact on generational trends and financial services.
- Conducted interviews and meetings with colleagues to gather firsthand insights on applications and implications of AI in finance.
- Delivered findings to department team members, facilitating discussion and Q&A.

### Headstarter AI

*Software Engineer*

August - September 2024

Panama City, FL

#### Mind Journey

- Collaborated in the design of a journaling and coaching platform supporting breathing techniques, with secure user data management via Firebase and seamless auth through Clerk.
- Integrated OpenAI text generation and Stripe API in a Next.js app to deliver personalized advice and gated pro-tier features.

#### Flasher.io

- Cooperated in engineering a dynamic flashcard generator leveraging OpenAI for content creation, with personalized sets managed securely via Firebase.
- Focused on account access and monetization, integrating Clerk for authentication and Stripe for premium membership handling.

#### DreamTrip AI

- Contributed to developing a real-time vacation planning tools using OpenAI and Node.js to generate personalized travel guidance and visual itineraries.
- Prioritized interactive UI/UX design using MUI and Next.js, enhancing user experience across budgeting and recommendation tools.

#### AI Pantry Tracker

- Developed an intelligent inventory tracker integrating OpenAI Vision API with Node.js to scan and log pantry items from images.
- Built the full UI and core logic using HTML, MUI, and Next.js, with Firebase used to store and manage user inventory data.

## PROJECTS

### BlackJack

*Front-end Developer*

March - June 2023

Northfield, MN

- Built a multiplayer Blackjack app (5 users) with sockets, React, and Docker
- Led bi-weekly meetings for a 5-person team.

### Invisible Path

*Game Developer*

July - September 2023

Panama City, FL

- Developed a puzzle-solving video game using Unity/C#.
- Self-taught graphics design and full-stack mechanics

## TECHNICAL SKILLS

**Languages:** Java, Python, JavaScript, HTML/CSS, C#

**Frameworks:** React, Node.js, Flask, Material-UI, Next.js

**Developer Tools:** Git, Docker, VS Code, Visual Studio, Eclipse, Unity, OpenAI, Firebase, Stripes, Clerk, Vercel