

# Jeremiah Dawson

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## EDUCATION

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### Carleton College

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

Northfield, MN

*Sept. 2023 – June 2027*

## RELEVANT EXPERIENCE

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### Full-Stack Developer

*Mind Journey*

Summer 2024

*Panama City, FL*

- Designed a multi-functional website promoting mental well-being through journaling, coaching, and breathing techniques.
- Integrated Firebase to securely manage user data, including login information, memberships, and journal entries.
- Enhanced user accessibility with a seamless sign-in/login experience using Clerk.
- Integrated OpenAI Text Generation with Next.js to provide personalized mental health advice.
- Connected Stripe API to offer pro memberships, unlocking advanced features.

### Full-Stack Developer

*Flasher.io*

Summer 2024

*Panama City, FL*

- Engineered a dynamic website that generates personalized flashcards using OpenAI text generation based on user-inputted prompts.
- Integrated Firebase to securely manage user data, including flashcard sets and membership details.
- Implemented a seamless sign-in and login experience with Clerk, enhancing user accessibility and interface.
- Connected the Stripe API to offer users a pro membership, unlocking advanced features and functionality.

### Full-Stack Developer

*DreamTrip AI*

Summer 2024

*Panama City, FL*

- Developed a website to help users budget and plan their ideal vacation with OpenAI.
- Integrated OpenAI Text generation with Node.js to provide users with personalized recommendations, practical advice, and clear visuals.
- Created an engaging user interface and seamless user experience using HTML, MUI, and Next.js.

### Full-Stack Developer

*AI Pantry Tracker*

Summer 2024

*Panama City, FL*

- Developed a website for user inventory management with Firebase integration.
- Designed and implemented the user interface and core functionality using HTML, MUI, and Next.js.
- Integrated OpenAI Vision API with Node.js to capture, recognize, and automatically add items to the database.

### Front-end Developer

*Blackjack Interface*

Spring 2023

*Northfield, MN*

- Developed a Blackjack application capable of hosting up to five users concurrently using sockets, enhancing multiplayer functionality.
- Designed and implemented the user interface using HTML, CSS, React, and Docker
- Facilitated and organized bi-weekly group meetings for a team of five, ensuring collaboration and communication

### Game Developer

*Invisible Path*

Summer 2023

*Panama City, FL*

- Developed a full-stack puzzle-solving video game using Unity and C#.
- Designed the majority of the game's graphical elements.
- Self-taught the necessary skills and technologies for game development.

## TECHNICAL SKILLS

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**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