Owen Smith

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EDUCATION

Adrian College | Adrian, MI
Bachelor of Arts in CS, Minor in Cloud Web Development | **GPA:** 3.8/4.0   May 2026
Relevant Coursework: Data Structures, Algorithms and Analysis, C Programming, Information Technology, Web Design
Awards & Honors: Dean's List (Fall 2023, Spring 2024)

RELEVANT EXPERIENCE

Rize Education | Remote   Aug 2024 - Present
Student Support Assistant
- Graded CS related papers for multiple sections of classes according to a given rubric.
- Communicated promptly and effectively with Professors and Students
- Ensured success for all students throughout the semester, tutored, etc.

FULL STACK PROJECTS

Nutrition Helper | Personal Project
 - Developed a comprehensive health tracking platform using Next.js 15, TypeScript, and Prisma ORM
 - Built secure user authentication system and responsive UI components using NextAuth.js and TailwindCSS
 - Implemented key features including BMI calculator, macro tracking, and recipe finder
 - Optimized application performance using Zustand state management and server-side rendering

Study Flow | Personal Project
 - Engineered a React-based study management platform using Vite, TypeScript, and Firebase
 - Implemented responsive UI with Material-UI and custom styling using Emotion
 - Built robust state management using Redux Toolkit and React Context
 - Integrated secure authentication and form validation using React Hook Form and Yup

File Conversion Hub | Personal Project
- Developed a browser-based file conversion platform using React, TypeScript, and FFmpeg
- Implemented client-side file processing using WebAssembly for formats including DOCX, XLSX, and PDF
- Built responsive drag-and-drop interface using React Dropzone and Tailwind CSS
- Integrated real-time file conversion progress tracking with React Query

SKILLS & CERTIFICATIONS

Programming Languages: TypeScript, JavaScript, Python, C (beginner)
Frontend Technologies: Next.js, React, TailwindCSS, Material-UI, Radix UI, shadcn/ui
Backend & Database: Firebase, Prisma ORM, NextAuth
State Management: Redux Toolkit, Zustand, React Query, React Context
Tools & Technologies: Git, FFmpeg, WebAssembly, Vite, ESLint, Docker
File Processing: Document conversion (DOCX, XLSX, PDF), client-side processing
Architecture: Server-side rendering, TypeScript strict mode, modular component design

UI/UX: Responsive design, drag-and-drop interfaces, modern component libraries

Python Basic Certification: https://www.hackerrank.com/certificates/iframe/33be43c256f4