Julian Hart

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EDUCATION

Computer Science   2027 | Storrs
University of Connecticut
- Studying Data Structures, Algorithms, and Python Development.

Computer Science   2024 | Manchester
CT State Community College
- Completed coursework in Java development, Discrete Mathematics, SQL, MongoDB, HTML, CSS, Tailwind, and JavaScript.
- Graduated on the Dean's List.

PROFESSIONAL EXPERIENCE

Web Development Intern   Sep 2024 – present
University of Connecticut
- Designed and maintained backend architecture for university websites, insuring uptime, and handling more than 1000 daily visitors.
- Engineered and optimized RESTful API endpoints, increasing site speed and reliability by 50%.
- Automated data migration processes from Airtable using Python, reducing manual effort by 5 hours weekly.

Co-Founder   Jun 2024 – present
CheckUP LLC
- Developed core user-facing features for a mental health SaaS platform, enabling seamless user registration and activity tracking.
- Partnered with the back-end team to integrate user data and authentication using Clerk, improving onboarding efficiency by 80%.
- Designed and built responsive user interfaces with React and Tailwind CSS, ensuring WCAG 2.1 accessibility compliance and smooth cross-device performance.
- Spearheaded the platform's UX/UI design process, ensuring a cohesive user journey that increased user satisfaction by 50%.

PROJECTS

Video Meeting App 🔗
- Developed a scalable meeting application using Next.js and TypeScript, supporting up to 50 concurrent users with seamless cross-platform functionality.
- Implemented meeting scheduling and real-time communication features, resolving cross-platform compatibility issues to enhance user experience.

AI Article Summarizer 🔗
- Built an AI-powered Article Summarizer leveraging RapidAPI's Summarizer API, reducing user research time by 70%.
- Engineered a responsive UI with Vite, React and Tailwind CSS, achieving fast load times and improved accessibility.

SKILLS

Languages
Java, JavaScript (ES6+), TypeScript, Python, SQL

Other
Git, Excel, Office, OneNote, Linux (Ubuntu), Data Structures, Algorithms, Cross-Platform Development

Web Technologies
React, Next.js, Node.js, Express.js, MongoDB, Redux, RESTful APIs, GraphQL, Tailwind CSS, HTML5, CSS3, Bootstrap, AWS