Jared Dunn

Developer, Trainer, Student

jared_dunn@brown.edu • jaredmdunn.com • github.com/jaredmdunn • linkedin.com/in/jared-m-dunn

EDUCATION

Brown University, graduating May 2024
• Computer Science (Artificial Intelligence)
• International & Public Affairs (Policy & Governance)
• GPA: 4.0

SKILLS & TECHNOLOGIES

Languages: Python • JavaScript • TypeScript • SQL • Java • Scala • Rust • PHP
Web: Django • Vue • React • Flask • Quart • SvelteKit
Other: Git • Tableau • Docker • Spanish • ASL

EXPERIENCE

Webucator | *Full Stack Developer, Technical Trainer, & Courseware Author/Editor*   Jun 2018 - Present
– *Webucator is a technical and business training company that has served over 60,000 students.*
• Used **Django** and **Vue** to rebuild Webucator's self-paced learning platform.
• Worked with the **OpenAI API** and **python-pptx** to create an AI-powered generation tool to quickly create PowerPoint presentations for Webucator's course content.
• Built **Django Vue** project template for students enrolled in Full Stack Developer course bundle.
• As a technical trainer, I have supported students learning web development (**HTML**, **CSS**, **JavaScript**, JavaScript frameworks, etc.) since I graduated high school.
• As a courseware author and editor, I have written, edited, and created content for intro courses to **CSS**, **Bootstrap**, **Sass**, **Python**, and **PostgreSQL**.

Brown School of Public Health | *Health Data Science Fellow*   Summer 2023
• Used **Python**, **Pandas**, and **Tableau** to clean, connect, and analyze pharmaceutical data.

Chapter One | *Software Engineering Intern*   Summer 2022
– *Chapter One is an early stage venture fund focused on building the new internet.*
• Used **Python** frameworks **Flask** and **Quart** along with **GCP**, the **Notion API**, and the **Affinity API** to build an automated note-syncing system to improve Chapter One's data tracking.
• Used **Rust**, **Anchor**, and **Vue/TypeScript** to build a **Solana** decentralized application for storing links.

PERSONAL/COURSE PROJECTS

Personal Website and Project History Manager | *Personal Project*   Feb 2024
• Used **SvelteKit**, **Auth.js**, **TypeScript**, **TailwindCSS** and **Vercel Postgres** to create a personal website with a secure backend for managing my project history. See jaredmdunn.com/developer.

BERT Fine-tuning for Sentiment Analysis | *Computational Linguistics*   Oct 2023
• With **Pytorch** and **Hugging Face**, built a sentiment classifier to identify positive, negative, and neutral tweets.

Heartbeat Monitor | *Real-time and Embedded Systems*   Dec 2022
• Used **C++ (Arduino)** to build a heartbeat monitor, connecting two Arduino boards over Wifi and interpreting an analog signal signal from a pulse monitor.

IMDB Scraper | *Personal Project*   Jun 2022
• Built a **Python** web scraper with **BeautifulSoup** to grab IMDB data and store it in parquet files.

Burnt Out at Brown | *Hack @ Brown 2022*   Jan 2022
• Built **React** website to analyze Brown course data scraped with **BeautifulSoup** and **Selenium**.
• Burnt Out at Brown has served 3000+ unique users and won a hackathon Wolfram award.

HOBBIES

• Ask me about travel (I lived in Spain for two years), TTRPGs (I'm writing one), Frisbee (Brown C Team), and racquet sports (Looking for a tennis or squash partner?). For more, see jaredmdunn.com/more.