

BRANDON CHANDLER

[Personal Portfolio](#) | [LinkedIn](#) | Miami, FL

EDUCATION

Vanderbilt University

Bachelor of Science in Computer Science, Minor in Business

Nashville, TN

Expected May 2025

Relevant Coursework: Programming & Problem Solving, Program Design & Data Structures, Intermediate Software Design, Digital Systems, Programming Languages, Discrete Structures, Algorithms, Principles of OS, Principles of SWE, Computer Ethics, Multivariable Calculus, Linear Algebra, Probability & Mathematical Statistics, Differential Equations, Entrepreneurship, Data Visualization, AI/ML

TECHNICAL SKILLS

Languages: Python, CSS, HTML, Javascript, TypeScript, Java, C++, SQL

Frameworks & Libraries: Express.js, Next.js, Node.js, React.js, MATLAB, React Native, Redux, Spring Boot, Tailwind CSS

Software & Tools: CocoaPods, Figma, Firebase, GitHub, GraphQL, grpc, Jira, Make, MongoDB, Netlify, npm, REST, Unix, Xcode

WORK EXPERIENCE

LinkedIn

San Francisco Bay Area

Full-Stack Software Engineering Intern

May 2024 – Aug 2024

- Owned design and implementation of a file-structured sorting tool, enabling employee dataset retrieval by team for data scientists
- Optimized API performance via asynchronous calls and caching for dataset fetching, reducing latency by **6 seconds** and improving browse performance by ~30%. Tool **operational in present environment**, consistently enhancing internal performance
- Collaborated with 15+ team members on the Datahub team and external teams to debug, develop, and adapt cross-team APIs
- Resolved network failures with data aggregation using async and retry logic, improving performance and dataset metrics

Technical Environment: Figma, GitHub, Jira, Java, JavaScript, SQL, GraphQL, grpc, Rest.li, Spring Boot, Node.js, JUnit

BRKT – [Live Site](#)

Nashville, TN

Software Developer

Sept 2024 – Oct 2024

- Developed full-stack and blockchain architecture for multi-chain, multi-market binary predictions platform

Technical Environment: Firebase, GitHub, Next.js, Node.js, React.js, Tailwind CSS, Ethers.js, MetaMask SDK

Scale AI

Remote

LLM Trainer/Prompt Engineer – Python, Java

July 2023 – Feb 2024

- Trained generative artificial intelligence models by correcting and rewriting code responses from **150+** personalized, sequential prompts

PROJECTS

GroupGains – [Live Site](#) | App Demo Pending

Nashville, TN

Software Engineer

May 2023 – Mar 2025

- Spearheaded end-to-end web and mobile development for community-based gym app, connecting users based on their fitness goals
- Employed object-oriented programming principles during the development lifecycle, ensuring maintainable and scalable architecture
- Chosen to participate in NSF I-Corps: Ideator and Builder pre-accelerators and earned **\$2,500** in development funding after pitching

Technical Environment: Figma, Firebase, GitHub, React.js/Native, Netlify, Next.js, Node.js, Python, Redux, Tailwind CSS, Xcode

Focus.Feed – [Github](#) | [Demo Video](#) | [Scrape API](#)

Nashville, TN

Software Engineer

Jan 2025 – Mar 2025

- Leveraging a custom, bias-aware aggregation model and scrape API to build a succinct, highly-customizable web and email news interface

Technical Environment: TypeScript, React.js, Firebase, GitHub, Jest, Tailwind CSS, Resend, Python

Sokoban Solver – [Github](#)

Nashville, TN

Software Developer – Python

Feb 2025

- Implemented Sokoban solver using heuristics and foundational AI algorithms such as Iterative Deepening DFS, BFS, Greedy BFS, and A*

FlatFair – [Live Site](#) | [Demo Video](#)

Nashville, TN

Software Engineer – Next.js, Sendgrid, Vercel

Sept 2024 – Dec 2024

- Co-developed a full-stack expense-sharing web app, enabling groups to track, split, and settle expenses with monthly analytics

LEADERSHIP AND PROFESSIONAL DEVELOPMENT

Management Leadership for Tomorrow (MLT) – [Website](#)

Washington, D.C.

Software Engineering Career Prep Fellow

Dec 2022 – Present

Vanderbilt Alpha Kappa Psi Business Fraternity – [Website](#)

Nashville, TN

Social Chair, Alumni Relations Chair, Analyst, Recruitment Board Member

Sept 2021 – Present

- Culled as one of 17 analysts for 6-week leadership program; Mentor 400+ students, presenting emerging tech, encouraging STEM careers

INTERESTS

AI, tech innovation & entrepreneurship, Marvel, seafood, weight lifting, islands, investing, Barbados, mixed martial arts, activism, philosophy