BRANDON CHANDLER

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EDUCATION

Vanderbilt University   **Nashville, TN**
Bachelor of Science in Computer Science, Minor in Business   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 issues with legacy ownership models, API integration, and async data aggregation, improving performance and ensuring accurate dataset metrics. Implemented retry logic to handle network-related failures and boost throughput

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 architecture for multi-chain, multi-market betting platform, yielding **300,000+** users within 6 months of launch
- Maintained blockchain frameworks for secure and decentralized transaction validation.

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**
Founder & Sole Software Engineer   May 2023 – Feb 2025 (Expected)
- 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

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   Sept 2024 – Dec 2024
- Co-developed a full-stack expense-sharing web app, enabling groups to track, split, and settle expenses with monthly analytics

Technical Environment: TypeScript, React.js, Next.js, Express.js, Node.js, MongoDB, GitHub, Jest, Tailwind CSS, SendGrid, Vercel

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