Jordan Conklin

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EDUCATION

University of California, Los Angeles (UCLA)   **Expected December 2024**
Cognitive Science (Psychology + Computer Science) — Bachelor of Science (BS)
Minor: Data Science Engineering
Coursework: Data Structures & Algorithms, C++, Python, Linear Algebra, Databases, AI, Machine Learning, Data Science, Matlab

TECHNICAL SKILLS

- **Full-Stack Development:** Typescript, Java, Spring, React, Node.js, Next.js, REST APIs, JWT, HTTP Webservers, Distributed Database Systems; **Data Science:** Python, Pandas, NumPy, Scikit-Learn; **Interests:** Soccer, Content Creation, Biking, Cooking

RELEVANT EXPERIENCE

Founder and Software Engineer   *Fremont, CA*
ConklinOfficial — *Personal Soccer Brand (All Github Links)*   *March 2020 - Present*
- Building Tekk, an AI-driven soccer app based on my personal brand to coach players on technique using **Python** and **SwiftUI.**
- Using **NVIDIA NIM** to host their GPU-accelerated inference microservice for **Llama3** model and utilizing **Langchain**, **PostgreSQL,** and **JWT Auth** for stateful and secure chatbot interaction, increasing response time by 40% and data store by 60%.
- Leading cross-functional team of engineers and editors through stand-ups and sprints, driving development speed by 50%.
- Incorporated landing page through **Java Spring Boot, Typescript,** and **Node.js** to help 400,000+ soccer players through 1-on-1 mentorship and sell brand merchandise, utilizing **A/B Testing** to drive landing page engagement rate by 30% and sales by 10%.
- Implemented **CI/CD pipelines**, regression testing, and thorough code documentation, reducing deployment times by 30%.
- Grew personal soccer brand to 400,000 followers across TikTok, YouTube, Instagram, and Snapchat by creating 3,000+ posts.

Backend Software Engineer Intern   *Los Angeles, CA*
Fork — *Startup revolutionizing nutrition (App Download Link)*   *August 2023 - May 2024*
- Utilized **Beautiful Soup** to expand data scraping capabilities for meal plan recommendation system helping 40,000+ students
- Enhanced database infrastructure using **Firestore** and **REST APIs**, increasing capacity by 40% and speeding up data retrieval.
- Collaborated with product managers to streamline app development, reducing production time by 15% and accelerated startup development by 20% using **FastAPI**, **Docker** for testing, and **Agile** methodologies while working as a key team player.

Software Engineer Intern   *Los Angeles, CA*
Bruinshack — *Top UCLA Housing search platform*   *August 2023 - December 2023*
- Enhanced **SEO** performance as a key team player, helping 15,000+ incoming UCLA students find living spaces easier.
- Programmed robust and scalable **MongoDB** solutions to enhance apartment database by 20% and improve data accuracy by 15%.
- Redesigned UI **React** components, resulting in a 25% increase in user engagement through improved navigability and aesthetics.

Re-Founder and Data Science Lead   *Los Angeles, CA*
Diversity in Product and Data   *September 2022 - June 2023*
- Aided 20+ students in database systems lessons through leading workshops, **Microsoft powerpoint**, and project management.
- Boosted student code efficiency by 25% through **Python** development, enhancing problem-solving skills and project outcomes.

PROJECTS

RetroTune — *Backend Software Engineer, LA Hacks 2024 (Demo Link)*
- Engineered user authorization with **Passlib** and **MongoDB**, UI/UX design with **Reflex**, and **Spotify/Instagram API** setup.
- Users input their Instagram and receive a Spotify playlist personalized through **Gemini API** to match the vibe of their old posts.

TCR Equities Backtester & Data Visualization — *Data Scientist*
- Supported 500+ hours of algorithmic trading analysis through **data visualization** and **Pandas** and **Python** strategies.
- Users can provide input CSV files of historic market data to extract buy and sell points through a backtester system.