Jonah Tran

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EDUCATION

University of Illinois Urbana–Champaign   Expected May 2028
Siebel School of Computing and Data Science
B.S. in Computer Science, Minor in Business   GPA: 3.92/4.00

RELATED COURSEWORK

Linear Algebra (Python)   Algorithms and Models of Computation   Data Structures and Algorithms (C++)

Probability and Statistics for Computer Science (Python)   Management and Organizational Behavior

EXPERIENCE

Meavana   May 2025 – Aug 2025
Software Engineering Intern
- Collaborated with the development team to build productivity tools using ReactJS and Node.js for a client base of over **20,000** monthly active users.
- Led marketing and growth-hacking initiatives, creating web scrapers to retrieve contact information from over **200** Registered Student Organizations at UIUC, boosting outreach by **45%**.
- Designed a pomodoro timer and other productivity tools to enhance student focus and study habits.

PROJECT HIGHLIGHTS

AI Financial Planning App | *JavaScript, CSS, ReactJS*   Mar 2025
- Designed and developed an AI-driven financial planner prototype in a **36-hour** hackathon, leveraging React for a responsive front-end.
- Integrated **Gemini's 2.0 Flash API** to power an intelligent chatbot analyzing **10+** categories of user financial data and delivering personalized recommendations.
- Utilized Capital One's Nessi API for secure user account management and data storage.
- Implemented **OAuth authentication** with Google API for seamless user onboarding.
- Created **D3.js-based visualizations** to display budget breakdowns and progress toward financial goals.

Basketball Stat Tracker | *Python, Django, SQL, Supabase, Next.js*   Jul 2025 – Aug 2025
- Developed a full-stack analytics platform ingesting and persisting **300+** in-game events (shots, blocks, steals) across **5** test games using Django, PostgresSQL, and Supabase.
- Engineered an automated heatmap pipeline generating **50+** Matplotlib-based shot-distribution visuals in $<2\,$s each—reducing manual processing time by **85%**—and uploaded them to Supabase Storage with **100%** retrieval reliability.
- Built a React/Next.js frontend with Supabase real-time subscriptions, enabling interactive exploration of player performance for **3** concurrent players with UI update latency under **200 ms**.
- Designed and implemented **RESTful APIs** to manage structured game and player data for a scalable sports analytics platform.

EXTRACURRICULAR ACTIVITIES & LEADERSHIP

Advancement Director/Marketing Committee, ESAA   Sept 2024 – Present
Engineering Student Alumni Ambassadors   *Champaign, IL*
- Lead and plan professional development initiatives and workshops for members.
- Created database of members and alumni, providing members with extensive network for career advancement.
- Set up mentorship program, pairing members with a mentor for professional guidance.
- Managed social media campaigns to increase RSO engagement by **35%**.

TECHNICAL SKILLS

Programming Languages: Python, C++, Java, JavaScript, ASM, SQL

Frameworks & Tools: Jupyter Notebook, ReactJS, Git, Docker, Django, Supabase,

Libraries & APIs: Numpy, Pandas, Matplotlib, Scikit-learn, Gemini API, Google OAuth API