

Wesley Deklich

wesleydeklich.me | (408) 647-0040 | contact@wesleydeklich.me

Education

University of Illinois Urbana-Champaign
B.S. in Computer Science and Economics

(Expected May 2027)
(GPA 4.0 / 4.0)

Professional Experience

Tessero ► Creator and Developer

June 2023 - Present

- Designed and built Tessero, a highly intuitive and user-friendly ticket reselling app and website, using Node.js and MongoDB with students in a Wharton startup program
- Developed a streamlined platform with 99.9% uptime, utilizing AWS for scalable cloud infrastructure, and integrated secure payment processing via Stripe API
- Conducted market research, identified key revenue streams, and prepared a 5-year comprehensive business plan

Zero to AI ► Program Lead

June 2023 - August 2023

- Co-created a curriculum of essential concepts and skills in web development.
- Conducted instructional sessions for 30+ students on website creation, AI functionalities, and programming languages, with 95% high satisfaction rating
- Provided personalized guidance and mentorship to support students' growing interest in AI

NASA STEM Enhancements in Earth Science ► Intern

May 2022 - October 2022

- Identified flaws in Bayesian Classification and current meteorite pairing guidelines
- Proposed a new pairing process based on physical characteristics, geography, and space history, resulting in 20% improvement in classification accuracy during testing
- Published "The Limitations of the Meteorite Pairing Process" under Suzanne Foxworth
- Presented findings at AGU Fall Meeting, viewed by 25,000+ attendees

8x8 ► Intern

June 2021 - August 2021

- Worked with engineers to develop cloud-based communication solutions, improving VoIP and video conferencing services for 1M+ global users
- Assisted in analyzing real-time video usage data using Python and Tableau, identified areas of improvement to reduce video latency, and streamlined data processing
- Collaborated with marketing to create interactive data visualizations and assist in drafting revenue-generating strategies