

# Wesley Deklich

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## Education

### University of Illinois Urbana-Champaign

*B.S. in Computer Science and Economics (Expected May 2028)*

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## 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 fundamentals in web development
- Conducted instructional sessions for 30+ students on website creation, AI functionalities, and programming languages, with 95% high satisfaction rating
- Provided guidance and mentorship to support students' 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