JAMESON ZELLER

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Education

University of Illinois at Urbana-Champaign　　　　　　　　　　　　　　　　**Aug. 2024 – May 2028**
Bachelor of Science in Mathematics　　　　　　　　　　　　　　　　　　　　　*Champaign, Illinois*
- Pending transfer to Mathematics & Computer Science major (Fall 2025)

Relevant Coursework

- Introduction to Programming (Kotlin), Introduction to C++ Programming, Discrete Mathematics

- Upcoming: Data Structures & Algorithms, Software Design, Computer Architecture, Linear Algebra with Proofs

Experience

AthXcel　　　　　　　　　　　　　　　　　　　　　　　　　　　　　**May 2024 – Present**
Software Engineer Intern　　　　　　　　　　　　　　　　　　　　　　　*Remote / Round Lake, IL*
- Engineered and restructured **OpenAI** prompts, reducing token usage by over **25%** and lowering API costs.
- Performed end-to-end feature testing and database validation to ensure consistent user experience and data integrity.
- Collaborated across teams using **Jira** and Slack, contributing to product planning and roadmap prioritization.
- Took on product management responsibilities by identifying bottlenecks, suggesting improvements, and tracking feature delivery.

Siebel School of Computing and Data Science　　　　　　　　　　　　　　　**Jan. 2025 – Present**
*CS 124 Tutor (**Java** / **Kotlin**)*　　　　　　　　　　　　　　　　　　　　　　　*Champaign, IL*
- Tutored freshmen in the CS 124 introductory programming course at UIUC.
- Assisted students with debugging, design concepts, and course infrastructure.

Projects

UIUC Note Share *(Campus Notes Platform)*　　　　　　　　　　　　　　　　　　　**2025**
- Currently building a full-stack web app for UIUC students to upload, share, and access class notes.
- Engineered the backend in **Spring Boot** (Kotlin) with **PostgreSQL**, **Redis**, and Microsoft OAuth for secure access.
- Implemented **Cloudflare R2** for file storage, presigned URL uploads, and Turnstile CAPTCHA for abuse prevention.
- In development right now with plans to deploy for beta access soon.

Tasklight *(macOS Productivity App)*　　　　　　　　　　　　　　　　　　　　　**2025**
- Developed a Spotlight-style task capture app using **Go** and **React** (Wails) to instantly log tasks to Notion.
- Integrated Notion OAuth, Apple Keychain token storage, global keyboard shortcuts, and **OpenAI**-powered NLP.

Technical Skills

Languages: Kotlin / Java, Python, C++, SQL, JavaScript, Go
Frameworks & Tools: Spring Boot, Cloudflare R2 (AWS S3 SDK), React, Docker, Git, Flask, Excel, Jira

Leadership

Grant Community High School　　　　　　　　　　　　　　　　　　　　　　　**2023 – 2024**
Baseball Team Captain　　　　　　　　　　　　　　　　　　　　　　　　　　*Fox Lake, IL*
- Led varsity team as captain, promoting sportsmanship and earning conference sportsmanship award.
- Demonstrated leadership through consistent communication, training support, and peer mentorship.

Buona Beef　　　　　　　　　　　　　　　　　　　　　　　　　　　**Jun. 2022 – Aug. 2024**
Guest Service Trainer　　　　　　　　　　　　　　　　　　　　　　　　　　*Lakemoor, IL*
- Coached 100+ new employees on company policies, customer interaction, and restaurant procedures.
- Assisted with the grand opening of 3 new store locations in collaboration with the corporate team.
- Delivered top-tier guest service in a fast-paced, high-pressure environment.