JAMESON ZELLER

Round Lake, Illinois

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Education

University of Illinois at Urbana-Champaign — **Aug. 2024 – May 2028**
Bachelor of Arts in Mathematics & Computer Science; Minor in Business — *Champaign, Illinois*
- **3.87 GPA**; Elsie Thomas Fraser Award Winner; Dean's List; Habitat for Humanity

Experience

Hudl — **May 2026 – Aug. 2026**
Software Engineering Intern — *Lincoln, NE*
- Incoming SWE Intern for Summer 2026; Anticipated work in C#, .NET, and React.

AthXcel (acquired by Optima Sports Group - Jan. 2026) — **May 2025 – Present**
Product Engineer — *Remote / Round Lake, IL*
- Architected and deployed "Coach Eddie" AI Chat system using **C# .NET** backend with **TypeScript React** frontend, serving as an in-app assistant for training guidance and user support across pilot user base.
- Designed and implemented tool call hanlder and registry framework, enabling type-safe, extensible function routing and orchestration of integrations with **OpenAI**, achieving dynamic intent-to-action mapping.
- Engineered full-stack solution including database schema design in **SQL Server**, conversation management system, internal testing tools, and deployment in **Azure Functions** and **App Services**.
- Led cross-company integration efforts post-acquisition, coordinating engineering teams from AthXcel and Optima Sports Group to design API contracts and unify systems, ensuring seamless data exchange.
- Own product roadmap and prioritization, aligning engineering, design, and leadership teams with business goals.

Software Engineering Intern — **May 2025 – Aug. 2025**
- Optimized **OpenAI**-powered prompt design, reducing token usage by **25%+** and cutting API costs.
- Designed and architected end-to-end video analysis system, defining technical requirements, database schemas, and API contracts to enable athletes and coaches to review training footage.

Siebel School of Computing and Data Science — **Jan. 2025 – Present**
*CS 124 Tutor (**Java / Kotlin**)* — *Champaign, IL*
- Mentor students in UIUC's CS 124 programming course, simplifying complex design and debugging concepts to build students' technical confidence.

Leadership

Buona Beef — **June 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.

Projects

Tasklight *(macOS Productivity App)* — **2025**
- Developed a Spotlight-style task capture app using **Go** and **React** (Wails) to instantly log tasks to Notion.
- Built a companion API service in **Spring Boot** that proxies requests to **OpenAI**, letting users either supply their own API key or use a quota-limited shared key managed by me.
- Integrated Notion OAuth, Apple Keychain token storage, global keyboard shortcuts, and **OpenAI**-powered NLP.

Self-Hosted APIs *(Spring Boot & Flask Services)* — **2025**
- Developed a suite of custom APIs in **Kotlin (Spring Boot)** and **Python (Flask)** for personal productivity and hobby projects.
- Containerized services with **Docker**, deployed to a self-hosted **TrueNAS** server, and exposed securely through **Cloudflare Tunnels**.
- Applied best practices including idempotent design, OAuth/Keychain security, quota management, and unit tests with JUnit & MockMvc.

Technical Skills

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