

# ENKHBILGUUN (KYLE) ENHZUL

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## EDUCATION

**University of Illinois at Urbana-Champaign** – Urbana, IL  
*Bachelor of Science in Computer Science*

Expected May 2027  
GPA: 3.85/4.00

### Related Coursework:

Data Structures & Algorithms, Database Systems, Systems Programming, Computer Architecture, Numerical Methods, Software Design Lab

**William Rainey Harper College**

*Associate of Engineering Science – Computer Science Focus*

Graduated May 2025

## TECHNICAL SKILLS

**Programming Languages:** Java, C, C++, Python, JavaScript, SQL, PostgreSQL, MATLAB, Verilog

**Frameworks/Tools:** Node.js, Express, React Native, Expo, Firebase, Android Studio, GitHub Actions

**Practices:** REST APIs, CI/CD, ESLint, Prettier, Git, Agile Development

## WORK EXPERIENCE

**City of Rolling Meadows – IT Department | Rolling Meadows, IL**

*IT Intern*

Jun 2025 – Aug 2025

- Designed and implemented a **centralized relational database** to manage city property data for Public Works and Finance departments, improving data accessibility and consistency.
- Developed **SQL queries and structured forms** to streamline reporting and analysis for business stakeholders.
- Assisted with deployment, maintenance, and troubleshooting of **hardware and software systems** across **10+ city departments**, supporting daily operations.

## PROJECTS

**Active Illini – Full Stack Mobile Application (Javascript)**

Oct 2025 – Dec 2025

- Led backend development for a **full-stack mobile app** enabling UIUC students to create, browse, and join recreational sports activities.
- Designed and implemented **RESTful APIs**, database schemas, migrations, and seed scripts using **Node.js and PostgreSQL**.
- Integrated **Firebase authentication** with persistent login sessions and secure user handling.
- Built features including **RSVP tracking, participant management, in-app chat threads, and calendar event (ICS) generation**.
- Enforced code quality through **CI/CD pipelines, ESLint, and Prettier**, blocking merges on failed checks.
- Developed and reviewed code through GitHub pull requests, incorporating peer feedback and CI results prior to merge.

**California Wildfire GIS Analysis (Python)**

Sep 2025 – Oct 2025

- Analyzed California wildfire data using geographic information systems (GIS) to visualize fire spread and regional impact.
- Processed and cleaned large spatial datasets to identify patterns related to wildfire frequency and affected areas.
- Created visual maps and data-driven insights to support analysis of environmental and geographic trends.

**Chicago Landmark Route Algorithm (Java)**

Apr 2025 – May 2025

- Implemented Dijkstra's Algorithm in Java to find optimal paths between Chicago landmarks.
- Used **Graph data structures** and **priority queues** for efficient computation.

## LEADERSHIP

**Phi Theta Kappa Honor Society**

*Vice President*

Palatine, IL

May 2024 - June 2025

- Led weekly meetings with 50+ members, coordinated guest speakers, and facilitated community discussions.
- Organized 10+ volunteer initiatives, engaging members in regular service projects.