

# Dawid Budz

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## EDUCATION

**University of Illinois at Chicago**

**Expected Graduation:** *May 2026*

*College of Engineering - Bachelor's of Science in Computer Science*

- Relevant Coursework: Program Design I & II, Data Structures, Programming Practicum

## SKILLS

- **Programming Languages:** C, C++, Java, Python, Lua
- **Frameworks:** Flask, OpenCV, React,
- **Technologies:** Linux, Git, Docker, SQL, REST APIs, Agile, Bluetooth, Wi-Fi

## PROFESSIONAL EXPERIENCE

**Funnelpot**

**Chicago, IL**

*Project Management Intern*

Sept. 2024-Present

- Assist in planning and managing project timelines, coordinating with the marketing team to ensure campaign milestones are met and deliverables align with client goals and KPIs
- Utilize AI-driven tools to analyze data and optimize project execution, resulting in more efficient workflow management and improved campaign performance across various channels
- Act as a key point of contact between marketing, creative, and client-facing teams, streamlining communication and improving collaboration, which led to the successful launch of multiple high-impact digital marketing campaigns

## PROJECTS

**Arbify**

**Chicago, IL**

*Arbitrage Betting Platform*

Oct. 2024-Present

- Developed an automated arbitrage detection algorithm to scan multiple betting platforms for market inefficiencies, ensuring users can profit from arbitrage opportunities in real time.
- Integrated data scraping tools using Python and Selenium to aggregate odds from multiple bookmakers, updating users with the best possible betting strategies.
- Optimized the platform for high-frequency transactions and scalability, allowing for future expansion and increased user demand.

**Maze Navigation System**

**Chicago, IL**

*Pointer-Based Data Structure Project*

Nov. 2024-Dec. 2024

- Engineered a templated Grid<T> class in C++ utilizing heap-allocated arrays and pointer manipulation for efficient management of two-dimensional data structures, enhancing code reusability and performance.
- Developed a path validation algorithm processing 3 distinct item collection requirements while validating 4-directional movement constraints across 20 connected maze cells with 100% accuracy.
- Implemented GDB debugging workflows to map 12 interconnected maze rooms with 48 directional pointers, achieving successful navigation through complex pointer networks.

## LEADERSHIP AND ACTIVITIES

**Alpha Kappa Psi**

**Chicago, IL**

*Vice President of Administration*

May 2024-Present

- Directed the administrative operations of the fraternity, overseeing logistics for event planning, room bookings, and resource management to ensure seamless execution of chapter activities
- Coordinated efforts among 45 members and 6 committees, fostering collaboration to organize successful events that aligned with the fraternity's mission and objectives
- Collaborated with Executive Board members to proactively address and resolve challenges, ensuring smooth event execution and enhancing overall chapter efficiency