

# Kyoungbin Cho

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## Education

### **University of Illinois Urbana Champaign**

Bachelor of Science in Computer Science

GPA: 3.93 | James Scholar/Dean's List

Aug. 2023 - May. 2027 | Champaign, IL

### **Christian Academy in Japan**

High School

Aug. 2020 - June. 2023 | Shinkawa-cho, Tokyo

## Technical Skills / Coursework

**Languages:** C++, Javascript, Java, Python, Rust

**Developer Tools:** Visual Studio Code, Android Studio

**Technologies and Frameworks:** Scikit Learn, GitHub, Docker, React Native, React.js, Git, GitHub

**College Coursework:** Intro to CS, Discrete Structure, Stats and Probability Theory for CS, Data Structures, Computer Architecture, Numerical Methods, Software Lab

## Experience

### **PaGeKo Robotics Club (Treasure/Executive Officer)**

Sept. 2023 - Present | Champaign, IL

University of Illinois Urbana Champaign

- Co-founded the PaGeKo Robotics Club, a registered student organization dedicated to fostering innovation and hands-on experience in robotics among students
- Orchestrated the club's financial strategies and oversaw the management of a \$5,000 budget, ensuring the successful allocation of funds towards various club projects and activities
- Played a pivotal role on the executive board, leading efforts to organize club members, plan events, and enhance the club's operational efficiency

### **Doxa Robotics Club (Software Developer)**

Sept. 2021 - June 2023 | Shinkawa-Cho, Tokyo

Christian Academy in Japan

- Led the Doxa Robotics Club to victory in the Japan tournament consecutively for two years, securing our position at the prestigious annual World Championship.
- Engineered and implemented a sophisticated Proportional Integral Derivative (PID) control system, optimizing robot movement precision and efficiency during competitions.

## Projects

### **Modal and Nodal | Rust, SQL**

April. 2022 - June. 2022 | Koto-ku, Tokyo

- Developed a web scraping algorithm to produce a database of preeminent jazz musicians to facilitate a scale research into recording session collaborations to regional influences in the music community
- Employed Rust for web scraping and data manipulation, leveraging its performance and safety features. Utilized SQL/NoSQL databases for structured data storage, ensuring scalability and easy access for future analysis

### **Soccer Match Prediction Model | Python, Flask, Scikit Learn**

Sept. 2023 - Dec. 2023 | Champaign, IL

- Engineered a comprehensive full-stack web application to showcase a machine learning-based soccer match prediction model, utilizing Flask for the backend and HTML/CSS for the frontend design.
- Recognized for project excellence with an induction into the hall of fame, highlighting the model's predictive accuracy and the application's user-friendly interface.