

# (Jun) JeongJun Song

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## EDUCATION

**Arizona State University, Ira A. Fulton Schools of Engineering | GPA: 3.86** December 2025  
**B.S. Computer Science** | Dean's List (2023-2024) | NamU Scholarship (2023-2025) | FURI Scholarship (2024)

## PROFESSIONAL EXPERIENCE

**Arizona State University, Tempe, AZ: Student Researcher** 05 2024 - present

- Leading the Vision AI Insights project, optimizing real-time object detection and developing cost-effective OCR solutions using Tesseract and AWS Textract.
- Build a full-stack website leveraging Next.js, Node.js, Supabase, and JavaScript.

**NGL Transportation INC, Phoenix, AZ: Software Engineering Intern** 01 2022 – 01 2023

- Reduced truck gate processing time to 5-10 seconds with an OCR-based system and improved image detection accuracy by 20% using YOLOv5.
- Managed 10,000+ daily data transactions with PostgreSQL and AWS S3, ensuring secure and efficient storage.

## PROJECTS

**Business Contract Analyzer** | Full-stack | Next.js | Node.js | Python | JS | API 09 2024 - Present

- Developing logic to detect toxic clauses in B2B contracts, providing proactive suggestions for resolution.

**Campus Bookstore Website** | Full-stack | Agile | JavaFX | PostgreSQL 07 2024 - Present

- Designing and developed a campus-wide e-commerce platform for over 40,000 students to buy and sell textbooks, search algorithm reduces time by 30%.

**Machine Learning Yard Management System** | Full-stack | Next.js | Supabase | OCR 05 2024 – present

- Constructing a full-stack web application to display OCR-extracted data, cutting down end-user task time from 5 minutes to 10 seconds.

**MindVillage** | Full-stack | Next.js | Python | API 10 2024

- Let full-stack development for Hackathon for Humanity, ensuring team requirements were met and integrating the Gather platform API.

**Why don't you be nicer – Ethical Hackathon 2<sup>nd</sup> Prize** | Next.js | Node.js | API | AI 09 2024

- Deployed a website and a Chrome extension by integrating RESTful APIs, including Hugging Face and LLama, simplifying API call costs by 25% through modified usage.

**OCR Container Number Recognition** 01 2022 – 01 2023

- Developed an automated solution using OpenCV and Tesseract to extract container numbers, filtering for specific words, boosting efficiency by 40% and reducing errors.

## Achievement

- Participant of Amazon's Campus Summer Series 06 2024 – 07 2024
- 2<sup>nd</sup> Place winner, Ethical Hackathon, Project: Why don't you be nice(r)? 10 2024

## TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript, Python, C/C++
- **Front-End:** HTML, Tailwind CSS, Next.js, React.JS, React Query, TypeScript
- **Databases:** PostgreSQL
- **Tools & Operating Systems (OS):** Supabase, Node.JS, Git, GitHub , Windows, Linux/Unix