

Minseo Kim

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EDUCATION

Northwestern University:

Bachelor of Arts in Computer Science and Psychology

Expected Graduation June 2025, GPA: 3.81

Evanston, Illinois

Sep. 2021 – Present

Skills: JavaScript, Typescript, C#, Python, Java, C, C++, HTML, CSS, React.js, ASP.Net, LaTeX, Git

Coursework: Data Structures and Algorithms, Intro to AI, Machine Learning, Computer Networking, Human Computer Interaction

EXPERIENCE

Garmin

Olathe, Kansas

Software Engineer Intern

Jun. 2023 – Sep. 2023

- Worked on an Aviation internal web application code review tool for software developers to be in line with FAA certifications using C#, ASP.Net, Typescript, React.js, RabbitMQ, and client-facing REST APIs
- Developed an API, database, and UI for creating project email and webhook notifications that are sent to over 800 users and allow them to easily subscribe or unsubscribe themselves, groups, and Microsoft Teams channels to any or all Aviation software projects
- Implemented 9 new API endpoints and query parameters for data retrieval to create features such as a project diagnostics release check and the ability to bulk edit multiple reviews at a time

BearRoom

Evanston, Illinois

Software Engineer Intern

Jun. 2022 – Aug. 2022

- Programmed game mechanics and logic algorithms for web-application-based board games such as Texas Hold'em, Coup, and Flip the Dog! using JavaScript, React.js, CSS, and Material UI
- Participated as 1 of 10 start-ups in the selective 10-week Jumpstart Pre-Accelerator program at the Northwestern Garage

PROJECTS

Project Lambda

- Produced a 2D bullet hell game in the Unity Game Engine using C# in 10 weeks
- Constructed and incorporated 4 levels, real-time enemy search algorithms, hitbox coroutines, interactive GUI, movement/upgrade controls, various sprites, and music to create cohesive cyberpunk-analog aesthetic as per a formal MDA framework
- Collaborated in a team of 3 for game development and had biweekly playtesting with 56 play testers

Personal Website

- Designed and created a personal portfolio website using HTML, CSS, JavaScript, and GitHub Pages for application deployment

Database Metrics Page

- Engineered the metrics page of a website that tracks the demographics and number of incoming and leaving clients in the Good News Partners homeless shelter using React.js, Node.js, HTML, CSS, PostgreSQL, and Heroku for app deployment

Mesaku Sushi Website

- Established a website for Mesaku Sushi, a local sushi restaurant, using HTML and CSS

Minesweeper

- Programmed a functional Minesweeper game using Java and Java Swing

ACTIVITIES

Interests: Brazilian Jiu-Jitsu, Indie Video Games, Films, Making Music, Lifting, Traveling

IEEE - Best Design Award, Women in Computing, DISC, Northwestern Brazilian Jiu-Jitsu

Wildhacks 2022, 2023 Hackathon Participant

HackUIowa 2023 Hackathon Participant

Grace Hopper 2022 Conference Participant