

Jinsung Kim

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My favorite quote is, *"Everything that we, programmers, are doing should flow for user values"* by John Carmack.

Technical Skills

Languages: Python, JavaScript, HTML/CSS, Node.js, Java, PostgreSQL

Technologies/Frameworks: Django, Sass, Postman, Bootstrap, Mocha, Git, GitHub, NPM, PIP, Linux, Unix

Projects & Experience

MICROSOFT PYGAMES HACKATHON | PYTHON, PYGAME | MAR.20 – APR.17 2023 | [\[VIEW PROJECT\]](#)

- Developed a game with python, applying both functional programming and object-oriented programming (OOP) to ensure efficient and maintainable code.
- Managed and parsed game data by storing level configurations in an external JSON file, and loading them back into the game, allowing for seamless adjustments to game settings, and improved maintainability.
- Implemented error handling and file checking using try-except blocks to ensure the game runs smoothly and can adapt to missing or improperly formatted data files.
- Utilized a hash map for game elements, allowing for easy modification and clean code.
- Refactored code from 6-month-old project. Focused on code readability and maintainability by implementing a question, 'Will I be able to understand it in 6 months?'

MENTOR / MENTEE | EXERCISM.ORG | JUN.2022 – CURRENT

- Provided mentoring & feedback to beginner learners, on topic including Python, JavaScript, helping them improve their coding skills and understanding of specific programming concepts.
- Enhanced critical thinking, problem-solving, and communication skills by working closely with a diverse group of learners, accumulating over 80 contribution points.

BUS OPERATOR | CITY OF WINNIPEG | FEB.2019 – DEC.2019

- Helped commuting passengers by providing timely, safe transportation, maintaining a well-kept vehicle.

SOLDIER | REPUBLIC OF KOREA | MAY.2013 – FEB.2015

- Led a team of 20 as a reconnaissance in Demilitarized Zone, demonstrating teamwork and leadership.
- Under challenging situations and problems, our team collaborated with diverse teams of military personnel to complete complex missions.

Education

UNIVERSITY OF THE PEOPLE

EXPECTED GRADUATION: JUN.2025

B.S. in Computer Science

Relevant Coursework: Data Structures, Algorithms, OOP, Computer Systems, Computer and Network Security
Computer Vision, Intro to Data Science, Statistics, Linear Algebra, Calculus

DATA ANALYTICS CERTIFICATE | GOOGLE | APR.2023 – CURRENT

BOOTCAMP | APP ACADEMY OPEN | MAR.2023 – CURRENT