

Yunho Kang

1394 Stony Brook Rd, NY 11790 | yunho.kang99@gmail.com | (934) 246-4650
www.linkedin.com/in/yun-ho-kang | <https://github.com/mellene>

Education:

Bachelor's Degree in Computer Science

State University of New York - Stony Brook

Specialized in Artificial Intelligence and Data Science

May 2025

Stony Brook, New York

Technical Skills:

Languages: Python, JavaScript, Java, C

Web: HTML5, CSS3, React, Git, Github, MySQL

Tools: VSCode, Figma, Penpot, Jira, Fork, PyTorch, YOLOv8

Project & Research Experience:

Life Financial Plan Platform (Software Engineering)

January 2025 - May 2025

Front-end Web Development

Stony Brook, New York

- Collaborated with backend and algorithm teams to develop the web application using React, while managing tasks and version control with Jira, Git, and Fork.
- Implemented interactive page behavior using React hooks and visualized financial data through dynamic graphs.
- Modularized pages and modals into components to maintain clean code structure and prevent logic entanglement.
- Developed a personalized financial planning and forecasting system based on user input (basic info, income, expenses, investments), incorporating New York State tax rules as specified in the project requirements.

Dyslexia-Catcher

February 2025

Front-end Web Development

Stony Brook, New York

- Created web application in fast-paced hackathon environment at HopperHacks using React, jQuery, javascript, while managing tasks and version control with Jira, Git, and Fork.
- Loaded reading passage information in a database so that users can view various short paragraph.
- enhanced user readability with implemented modal windows and employed high-contrast color schemes.
- Set center alignment for each page and add animation for each button.

OTT Platform Service (Software Development)

March 2023 - June 2023

Front-end Development

Stony Brook, New York & Incheon, Korea

- Launched a Netflix-style OTT web service using React, JavaScript, and Git, implementing features such as user authentication, video catalog display, and responsive UI.
- Deployed the platform with publicly available video samples due to copyright restrictions and developed video thumbnail features to improve usability.

Leadership Experience:

Caravan Research

April 2023 – May 2025

Project Manager & Web Developer

New York, US & Seoul, Korea

- Led experience that analyze the species of tree with particulate matter reduction efficiency by region in South Korea.
- Utilized trees with particulate matter reduction capabilities selected by the Korea Forest Service.
- Constructed a framework using excel to rank what tree decreasing particulate matter in each area that has different conditions.
- Published extended abstract and journal in engineering archive and accepted in conference of ICEPR 2025.

LAMBDA (University Association Student Club)

March 2023 – June 2024

Co-Founder & President

Incheon, Korea

- Organized and led cross-functional side project teams to promote student collaboration on campus initiatives.
- Conducted weekly planning meetings and coordinated with international students to ensure smooth communication and project alignment.
- Designed and developed the official club website using HTML and CSS to enhance visibility, provide information to members, and showcase ongoing projects