

EDUCATION

University of Victoria

BSc in Computer Science | Victoria, BC

Sep 2023 - Present

Sookmyung Women's University

BEng in Computer Science | Seoul, Korea

Mar 2021 – Dec 2022

PROFESSIONAL EXPERIENCE

UVEEC (UVic Environment Engineering Club)

Software Team Member

Jan 2024 – Present

- Developing a Docker guide to enhance the team's understanding and use of containerization technologies
- Studying ROS2 humble using Python to run on Raspberry Pi to connect STM32 board

UNESCO-UNITWIN Local Training Program

Digital Education Assistant

Jul 2023

- Contributed "App development with React Native" education for female students at Universitas Gadjara, Indonesia
- Supported the instructor and 40 students participating in the program for 10 days

AWS Training Camp for Developers

Seoul, Republic of Korea

Jun 2023

- Applied AWS services (Lambda, AI, Big Data Solutions) to face and text detection programs
- Acquired AWS Elastic Beanstalk, ECS, EKS, and Dynamo DB

PROJECTS

MovieMatch

In Progress

- Developed a movie recommendation platform that tailors suggestions based on user preferences, utilizing MySQL for robust data management alongside Django and Python for backend development, and Bcrypt for user security
- Designed an interactive and adaptive frontend using React.js for a seamless user experience with TailwindCSS for styling to achieve a responsive design
- Seamlessly integrated a movie database API for the platform's extensive and current data set of movies

Neural Style Transfer [icecream.streamlit.app]

May 2024

- Developed and implemented a neural style transfer model using TensorFlow allowing for the transformation of images by applying stylistic elements of one image onto the content of another
- Executed simple style transformations to images, showcasing the core functionality of the neural style transfer model
- Integrated Streamlit for a user-friendly interface for an interactive web application, enabling users to easily apply styles to their own images

AWS Cloud Resume Challenge [olviachoidev.com]

May 2024

- Designed and implemented a personal website utilizing AWS cloud services
- Utilized Amazon Route 53, CloudFront, S3, Lambda, DynamoDB, and ACM (Certificate Manager)
- Employed GitHub Actions for version control and set up a CI/CD pipeline to streamline continuous deployment and updates, ensuring efficient and automated workflow

Streamlit Chatbot Powered by Amazon Bedrock [claudechat.streamlit.app]

May 2024

- Developed a chatbot powered by Amazon Bedrock on the AWS cloud platform
- Backend API using AWS Lambda, Frontend using Streamlit, deployed on Streamlit cloud environment

Planted.

Mar 2023 – Apr 2023

- Service planned and designed UI/UX prototype of a sustainability theme social media application using Figma
- Won Excellence prize in the App Service Plan & Design Competition at Sookmyung Women's University

TECHNICAL SKILLS

Certification: AWS Certified Cloud Practitioner (Jun 2023)

Software/Libraries: AWS, GitHub Actions, Streamlit, TensorFlow, Docker, Figma, Slack

Programming Language: Python, R, SQL, C/C++, Java, HTML/CSS, JavaScript

Relevant Coursework: Data Structures & Algorithms, Software Development Methods, Introduction to Data Science