

Olivia Choi

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oliviachoidev.com | [LinkedIn](#) | [GitHub](#)

EDUCATION

University of Victoria

BSc in Computer Science | GPA: 7.33/9

Located in Victoria, BC

Sep 2023 - Present

Sookmyung Women's University

BEng in Computer Science | GPA: 3.63/4.3

Located in Seoul, Republic of 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 Gadjadara, 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

Neural Style Transfer

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 image style transformations to images, demonstrating 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 [\[oliviachoidev.com\]](https://oliviachoidev.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

May 2024

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

ElectrIQ - Schneider Electric WEST 2024

Jan 2024 – Apr 2024

- Provided a daily strike learning app as a solution to educate users on how to manage energy
- Delivered a presentation on the prototype to Schneider Electric employees and project coordinators

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, Dialogflow

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

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