

# Olivia Choi

1610 Midgard Ave, Victoria, BC, V8P 2Y3 | 778-922-8940 | oliviachoi612@gmail.com |

[oliviachoidev.com](https://oliviachoidev.com) | [LinkedIn](#) | [GitHub](#)

## EDUCATION

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### 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

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### UVEEC (UVic Environment Engineering Club)

Software Team Member

- 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

Jan 2024 - Present

### UNESCO-UNITWIN Local Training Program

Digital Education Assistant

- 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

Jul 2023

### AWS Training Camp for Developers

Seoul, Republic of Korea

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

Jun 2023

## PROJECTS

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### Neural Style Transfer [\[icecream.streamlit.app\]](https://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 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 [\[claudechat.streamlit.app\]](https://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

### 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

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**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