

# PHUOC TRONG NGUYEN

Portland, OR 🏠  
971 – 563 - 5082 📞  
phuocpius.nguyen8@gmail.com ✉️  
linkedin.com/in/phuoc-nguyen-trong/ 🔗  
github.com/jesuispius 🔄  
jesuispius.github.io/porfolio.html 🌐

## OBJECTIVE

Highly adaptable and passionate Computer Science student seeking an entry-level position as a professional full-stack web developer or a software developer to build apps that make everyone's lives better. Eager, ready to work, and willing to learn.

## EDUCATION

### Bachelor of Science in Computer Science | Portland State University

Sept 2020 – Jun 2022

📍 Portland, OR

- GPA: 4.0
- **Academic Honors:** Summa Cum Laude, International Student Achievement Scholarship, President's List (4 terms)

### Associate of Science Transfer Program | Portland Community College

2018 – 2020

📍 Portland, OR

## PROJECTS

### Open Source Security Camera System

- Part of my Capstones Software Development project during 6 months at Portland State University.
- Working as part of a seven-member team to build an open-source prototype of a security camera system to protect images and videos with end-to-end encryption and privacy, using Raspberry Pi, MotionEye, Matrix Server, and React.
- Participating in doing research on the Matrix Client, the encrypted/decrypted data parts, and the web application with React.
- Drawing the UI wireframe.
- Collaborating to build the frontend of application.
- Taking responsibility for building the UI design of application and the requests from the interfaces to camera hub
- Testing and collaborating to write report.

### Real Image To Artistic Picture Transformation

- Final project of CS 410 – Foundations of Computer Vision course.
- Built a tool to convert the real image to an artistic picture.
- Implemented image processing algorithms without using OpenCV or any related package.
- Took responsibility to implement the color space transfer, some filter and blur algorithms, and the user interface.
- Using Python and Streamlit framework to demo the applications.

### Bank Marketing Campaigns Prediction

- Part of the final project of CS 445 – Machine Learning course.
- Working as part of a five-member team to build the Machine Learning models to classify and predict whether the client will subscribe a term deposit.

- The data is related with direct marketing campaigns (phone calls) of a Portuguese banking institution.
- Participated in data processing/preprocessing, building the Naive Bayes model, graph plotting and writing project report.

### Stock Tracking Web App

- Final project of CS 410P – Frontend Web Development course.
- Worked as part of a two-member team to fetch the stock API from Yahoo Finance API.
- Fetched and showed the breaking news based on the stock being shown.
- Developed real-time stock website, using React framework, JavaScript, HTML, SCSS, Bootstrap, tested in Lighthouse and deployed app to Heroku.

## SKILLS

- **Intermediate Skill Level:** Python, C++, JavaScript, React.JS, HTML, CSS, Bootstrap, PostgreSQL, MySQL.
- **Basic Skill Level:** Flask Python, Node.JS, Java, TypeScript, Blitz.JS, jQuery, Tailwindcss, Streamlit, Express.

## PERSONAL PROJECTS

### Customized QR Code Generator

- Building a basic Python app to generate a customized QR Code
- Using Streamlit to create, share, and deploy the web app for this project.

### Attendance Management System

- Building a basic Python app using face recognition to detect and take attendance.
- Using OpenCV, Haarcascade Frontal Face to detect and recognize the frontal face.
- Generate the csv file for list of attended people with attendance time.
- Kivy and Tkinter to build a simple user interface for two different versions.

### Weather App

- Building a weather web application using openweathermap API.
- Using JavaScript, jQuery, HTML, CSS, and Materialize.
- Use search bar to search for a specific location (city) and show the current weather as well as for next 7 days.
- In progress to rebuild this project using React and Tailwindcss.

### Shopping App

- Building a shopping app using Blitz.js – a full-stack React Framework.
- Using mainly TypeScript, Bootstrap, MySQL, react-redux.
- Building pages, dynamic routes, login/logout, sign up and other type of authentication.
- Building add-to-cart, checkout, etc.
- Using Prisma – open-source ORM to define data models, relational database – MySQL.
- Still in progress and used to build a similar project by Flask Python.