

CHARLES VU

Seattle, WA 98105 | (929) 538 - 8298 | prokhanhphuong@gmail.com
pvu-1864424.github.io | linkedin.com/in/charles-vu

EDUCATION

Bachelor of Science in Computer Science & Software Engineering, GPA: 3.5

August 2023

University of Washington, Bothell WA

Honors: Elected Chair of Student Technology Fee Committee, Dean's List 2019, 2020, 2022 & 2023

TECHNICAL SKILLS

Front End: React, Javascript, HTML, CSS, styled-components

Back End: Java, C++, Python, PostgreSQL, MySQL, Salesforce, R, Assembly

Tools: Git, npm, API, Firebase, Bootstrap, Jframe, Apex, Lightning Web Components, Visualforce, Figma, Miro, Lucidchart, Canva

PROFESSIONAL EXPERIENCE

Salesforce Developer Intern | Fiduciary Technology Solutions | Seattle, WA

May 2023 - Present

Salesforce Application & Lightning Web Components (LWC)

Salesforce | Apex | LWC | Visualforce

- Collaborated with developer mentor to design, integrate, document, and develop Salesforce apps and components using Apex coding, Lightning, Lightning Web Components (LWC), and Visualforce pages
- Played an instrumental role in the implementation of the Agile methodology across the developer team
- Conducted thorough business analysis and quality assurance on Salesforce applications

FrontEnd Developer Intern | ARC Security | Seattle, WA

Oct 2022 - Dec 2022

ARC Security Mobile Application FrontEnd & Website's Data Dashboard

JavaScript | React | HTML | CSS | npm | Figma

- Conducted extensive research and evaluation on **270** real estate agents and broker to identify client expectations
- Executed client feedback reviews and develop interfaces for ARC Security Mobile App with increased functionality and optimized customer experience; achieved **83%** customer satisfaction rate
- Developed Data Dashboard for ARC Security Website with all necessary components based on research & client requirements, resulting in **92%** user satisfaction rate.

Software Engineering Intern | CMC Technology & Solution | Hanoi, Vietnam

June 2020 - Oct 2020

Image Processing Application & Mobile Application Prototype

Python | React | Bootstrap | Project Management

- Integrated OpenCV library and Optical Character Recognition (OCR) with the existing technology stack to support extracting & analyzing objects from images for advanced search applications, increasing recognition accuracy by **30%**
- Delivered initial mobile application demo on-time with **95%** accuracy & usability rate amongst stakeholders
- Developed sprint milestones with program manager to accelerate project completion by **20%**

Club Council Treasurer | University of Washington | Bothell, WA

Jan 2022 - May 2023

Manage, monitor, and allocate Club Council's annual budget of \$100,000

MyFD | Data Analysis | Canva

Undergraduate Teaching Assistant | University of Washington | Seattle, WA

Jan 2020 - June 2020

Technical Foundation for Data Science

R | Shiny App | Git | API | Data Manipulation | Data Visualization

PROJECTS

Dvogue

March 2022- June 2022

Outfit Generator Website

React | JavaScript | HTML | CSS | Firebase | Bootstrap | API

- Constructed website architecture to present outfit suggestions with users' input in an aesthetically pleasing manner
- Developed a web application that leveraged Firebase to handle authentication, database storage & hosting, and users' outfit suggestions allocation

Heart Disease Risk Prediction

Jan 2020- March 2020

Heart Disease Prediction Machine Learning Models

Python | R | Machine Learning | Data Analysis | Data Visualization

- Configured, deployed, evaluated & compared Machine Learning algorithms, achieving 85% accuracy on Heart Disease dataset from UCI Machine Learning Repository
- Conducted ablation study on cleaned data to determine which health risk indicators could be used as a predictive model