Phat (Simon) Le
(972) 876-2144 | www.linkedin.com/in/simonle203 | https://phatleportfolio.netlify.app/

EDUCATION

University of Texas at Dallas   August 2022 - December 2025
Bachelor of Science – GPA: 3.5

Collin College   August 2020 - May 2022
Associate of Science – GPA: 4.0

WORK EXPERIENCE

Software Engineer Intern   May 2024 - August 2024
Dynamics, Itechwx

- Developed and implemented **8+ Dynamics 365 Web API** with RESTful services to support CRUD operations, leading to an **80% improvement** in average solution time.
- Utilized Tailwind CSS and Bootstrap to deliver **20+ responsive web interfaces**, collaborating with **3 cross-functional teams** to analyze and optimize user experiences.
- Resolve **50+ complex customer-reported issues** using Dynamics modules and Dataverse, achieving a **25% improvement** in recurring support tickets.

TECHNICAL SKILLS

- **Proficiencies**: Python, C/C++, Java, HTML, CSS, Javascript, Reactjs, Linux
- **Basic Knowledge**: SQL, Tailwind, Bootstrap, Haskell, Chart.js , PowerApps, Firebase, GitHub
- **Soft skills**: Problem Solving, Analysis, Teamwork, Critical Thinking, MS Office

PROJECT EXPERIENCE

California House Price Prediction | Python, Pandas, Scikit-learn, Matplotlib, Seaborn

- Built a house price prediction model using RandomForestRegressor, optimizing performance with GridSearchCV for hyperparameter tuning.
- Processed and analyzed **20,000+ housing records** using **Pandas**, generating **10+ visualizations** with **Matplotlib and Seaborn** to highlight trends in pricing, location, and features.
- Standardized data using StandardScaler and evaluated model accuracy with Mean Squared Error (MSE) and R-squared metrics.

SecureBank | React, Tailwind CSS, Bootstrap, Firebase, Chart.js, Google Maps API

- Integrated **Firebase Authentication**, enabling **secure login and account validation** for **500+ active users** while ensuring **99.9% uptime**.
- Implemented **real-time payment data visualization** using **Chart.js**, improving transaction tracking efficiency by **40%**.
- Integrated **Google Maps API** to allow users to locate **100+ nearby bank branches**, reducing search time by 60% by geolocation-based filtering.

Weather Forecast Website | HTML/CSS/Javascript

- Integrated **OpenWeather API** to fetch and display **real-time weather data** for **50+ global locations**.
- Designed a **fully responsive** interface, achieving **90%+ mobile and desktop compatibility** using **CSS media queries and Flexbox/Grid layouts**.
- Enhanced website performance, achieving an average load time of **under 2 seconds** through efficient code optimization and resource management.

RELEVANT COURSES

- Data Structure & Algorithm, Software Engineering, Database Systems, Discrete Math, Computer Architecture, Digital Logics and Computer Design, Operating Systems, Automata Theory.