Phat Le
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EDUCATION

University of Texas at Dallas August 2022 - December 2025
Bachelor of Science – GPA: 3.54

- Relevant Courses: Data Structure & Algorithm, Software Engineering, Programming Fundamentals, Discrete Math, Computer Architecture, Digital Logics and Computer Design

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

- Member of Phi Theta Kappa Honors Society.
- Member of Deans' List.

TECHNICAL SKILLS

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

WORK EXPERIENCE

Software Engineer Intern May 2024 - August 2024
Dynamics, Itechwx

- Developed and implemented Dynamics 365 Web API with RESTful services to support CRUD operations, leading to an 80% reduction in average solution time.
- Utilized Tailwind CSS and Bootstrap to deliver responsive web interfaces, collaborating with cross-functional teams to analyze and optimize user experiences.
- Leveraged deep knowledge of Dynamics modules and Dataverse to resolve complex issues, achieving a 25% reduction in customer-reported problems.

PROJECT EXPERIENCE

Weather Forecast Website | HTML/CSS/Javascript

- Integrated weather APIs to deliver accurate, up-to-date forecasts and real-time data visualization for multiple locations.
- Designed a fully responsive interface to ensure an optimized user experience across all devices and platforms.
- Enhanced website performance, achieving an average load time of under 2 seconds through efficient code optimization and resource management.

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.
- Analyzed and processed large housing datasets with Pandas, creating visualizations with Matplotlib and Seaborn to identify key trends.
- 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 for user authentication and account validation, securely storing account information.
- Implemented Chart.js for real-time payment data visualization and Google Maps API to help users locate nearby branches.
- Developed a responsive UI with Tailwind CSS and Bootstrap, enhancing user experience across devices.