Thai Le

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Education

EXPECTED GRADUATION DATE: JUNE 2026
Oregon State University, Corvallis, OR - Bachelor of Science in Computer Science & Minor in Mathematics | **3.73 GPA**

Honors & Certificates: Dean's List, Foundational C# with Microsoft Certification

Relevant Coursework: Data Structures, Analysis of Algorithms, Computer Architecture and Assembly Language, Web Development, Operating Systems I, Software Engineering I & II, Computer Networks, Databases, Usability Engineering, Programming Language Fundamentals, Calculus I, II, & III, Linear Algebra, Mathematical Statistics

Experience

JUNE 2024 - AUGUST 2024
AgAID, Prosser, WA - Machine Learning Development and Research Intern

- Machine Learning Development Intern for National AI Research Institute for Transforming Agricultural Workforce and Decision Support
- Developed a machine learning-embedded smartphone application for Real-Time Spray Coverage Assessment
- Wrote and Improved Image Processing Algorithms for Spray Coverage App in C++

JULY 2023 - SEPTEMBER 2023
Jireh Semiconductors, Hillsboro, OR - Hardware Engineering Intern

- Tested prototypes and standard products and wrote reports to document results.
- Developed, prepared, and reviewed reports and studies to identify and recommend engineering solutions.
- Create, produce, and innovate computer chips to be sold to various major tech companies such as Apple, Microsoft, Dell, HP, Intel, and Nvidia

Projects

NBA Database Web Application - SQL, HTML, CSS, php
Designed and developed a dynamic NBA database using SQL to manage over 50+ player records, 30 team profiles, and 10+ game statistics. Built responsive web interfaces with HTML, CSS, and PHP, enabling users to search, filter, and analyze data.
Weather App - HTML, CSS, JavaScript, React, Node.js, API
Utilized HTML, CSS, and JavaScript for frontend development, and hosted a Node.js server to handle API requests and managed data. User can search for weather forecast by cities and view current and future conditions
iOS Photo Processing and Data Analysis Application - C++, Java, Python, PyCharm
Developed an iOS application for real time photo and document scanning. The application scans a sheet of paper to calculate data on spray coverage for agriculture uses after using machine learning to remove the background.

Languages: C, C++, C#, Python, Java, HTML, CSS, JavaScript, SQL, PHP, Assembly, SwiftUI

Developer Tools: NodeJS, ReactJS, Express, Git, Github, Visual Studio Code, MongoDB, Vim, .NET, pandas, numpy, Linux, Unix, MacOS, Windows, Angular, Oracle, Jupyter, XCode, TensorFlow, Figma