

Eric Tuan Ngo

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Skills

Programming Languages: C, C++, Java, JavaScript

Databases & Web Technology: MySQL, HTML5, CSS3, RESTful API

Frameworks & Tools: Node.js, Express, Mongoose, Docker, Git

Systems & Support: Linux, MacOS, Windows, Windows Server 2019, TCP/IP, DNS, DHCP, Active Directory, Agile (Scrum)

Experience

Production Support, Applied Medical - RSM, CA

Feb 2022 - Present

- Improved forecasting accuracy by 25% using Excel macros to streamline data entry and consolidation.
- Ensured data integrity through meticulous validation and regular audits for reliable reporting.
- Reduced material waste by 10% and cut costs through detailed historical data analysis.
- Generated comprehensive reports and visualizations using Excel and Tableau to support decision-making.

Skills Center Assistant, Fullerton College - Fullerton, CA

Oct 2017 - Dec 2019

- Enhanced learning experience for over 200 students and faculty by providing technical support and troubleshooting.
- Supported lab environments by leveraging expertise in Linux, Windows, Git, and Visual Studio Code.
- Enhanced technical skills for over 100 students by training them on using PuTTY for server connections and VMware for virtualization in lab environments.

Projects

Cryptocurrency App

Live Site | Git Hub

- Built a cryptocurrency app to check the current top cryptocurrency's prices and information details.
- Utilized React and multiple APIs powered by RapidAPI.
- Deployed to GitHub Pages with a custom personal domain.

Online Academy

Git Hub

- Designed and developed a back-end system using Node.js, Express.js, MongoDB, and Express Handlebars, following the MVC model for maintainability.
- Implemented user authentication with Auth0 and deployed the project to Heroku.
- Developed REST APIs for CRUD operations, including POST, GET, PUT, and DELETE actions.
- Independently verified software requirements and managed the entire project lifecycle.

Portfolio

Live Site | Git Hub

- Developed and designed a personal portfolio website to showcase various projects and technical skills.
- Implemented the site using HTML5, CSS3, and JavaScript.
- Added custom features to highlight proficiency in front-end technologies.
- Regularly updated the site to include recent work and achievements.

VMWare Virtual Homelab

- Configured Windows Server 2019 with Active Directory, DHCP, and DNS.
- Managed Windows 10 Pro VM workstations in a domain.
- Developed and tested applications using Cisco Packet Tracer for network simulations.
- Enhanced IT support by installing and configuring OSTicket for tracking requests.

Education

California State University, Fullerton

Master of Science in Software Engineering

July 2024

GPA: 3.74 / 4.00

Bachelor of Science in Computer Science

Jan 2022

GPA: 3.56 / 4.00