

Henry C. Ngo

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EDUCATION

California State University, Fullerton

Bachelor of Arts in Computer Science

Fullerton, CA

Aug. 2021 – June 2024

Santa Ana College

Associate's in Computer Science, Mathematics, Science, and Liberal Arts

Santa Ana, CA

Aug. 2016 – May 2021

EXPERIENCE

Software Engineer

Endless Productions

November 2023 – Present

Santa Ana, CA

- Spearheaded the development of a dynamic website from inception to execution, emphasizing both visual appeal and functional robustness
- Designed an intuitive and engaging user interface using React.js and enhanced it with the sleek and modern Material-UI (MUI) framework for a polished user experience
- Ensured cross-device and cross-browser compatibility, prioritizing responsiveness and accessibility to guarantee an exceptional user journey
- Leveraged MongoDB to architect a flexible and scalable backend, facilitating the management of dynamic content and user data securely and efficiently

Advanced Repair Agent

Geek Squad, Best Buy

May 2022 – Present

Orange, CA

- Provide advanced technical support and repair services to client's for a wide range of electronic devices
- Diagnose and resolve complex hardware and software issues on computers, laptops, smartphones, and other consumer electronics
- Educate client's on best practices for device maintenance and security and provide recommendations for hardware upgrades and replacement when necessary

PROJECTS

Dish Dive

March 2024

- Developed "Dish Dive," an iOS app promoting culinary exploration and community engagement through recipe sharing
- Utilized Swift and Xcode to create a user-friendly interface enabling seamless navigation and interaction
- Implemented features allowing users to upload, search, and explore recipes within a community-driven platform
- Conducted thorough testing to ensure app stability and performance across iOS devices

Flix Picks

December 2023

- Developed "FlixPix," a Python program leveraging IMDb and Netflix datasets for movie recommendations
- The principles behind recommendation systems often overlap with concepts in AI and ML, particularly in terms of data processing, pattern recognition, and decision-making
- Utilized Tkinter to design an intuitive graphical user interface (GUI) for user interaction
- Integrated functionalities to filter recommendations based on attributes like title, genre, rating, country, and description
- Utilized two databases, "netflix.csv" and "movies.csv," to access a comprehensive pool of movie data
- Employed Python for both front-end and back-end development, ensuring seamless integration and functionality

TECHNICAL SKILLS

Languages: Java, Python, C++, SQL (MySQL), JavaScript, HTML, CSS, JavaScript

Frameworks: Linux, Wireshark, React, Node.js

Cloud Computing: AWS, Google Cloud Computing

Databases: MongoDB

Proficiency: Microsoft Suite, Adobe Suite, PowerBI, Google Cloud Platform, VS Code, Visual Studio

Coursework: Data Structures, Algorithms, Database Systems, Data Science and Big Data, Cyber Security, Machine Learning, Cloud Computing

Traits: Problem Solving, Strong Communication, Self-Motivated, Adaptability, Teamwork, Creativity