

ANH VUONG

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EDUCATION

University of California, San Diego **San Diego, CA** **Sep 2021 – Dec 2023**
Bachelor of Science in Computer Science, **Major GPA: 3.73, UC GPA: 3.66**
Provost Honors
Relevant Coursework: Database Systems Principles, Database System Application, Machine Learning, Data Science in Practice, Software Engineering, Computer Architecture, Advanced Data Structure and Algorithm

Orange Coast College, CA **Costa Mesa, CA** **Aug 2018 – May 2021**
Associate of Science in Computer Science, **GPA: 4.0**
Associate of Science in Mathematics, **GPA: 4.0**
Dean's List & Awards: 2020 Osher Foundation Scholarship & 2021 Sherry Griswold Memorial Scholarship

CERTIFICATIONS

Microsoft Certified: Azure Data Fundamentals – DP900 **Expected Aug 2023**
Microsoft Certified: Azure Administrator Associate – AZ104 **Expected Sep 2023**

PROJECTS

TritonLink – Database Web App **SQL, Java, PostgreSQL, JSP, HTML, CSS**
• Collaborated in a team of two to develop a web application with extensive data maintenance and querying needs
• Designed an E/R schema that effectively captures the entire data set
• Created an interactive application to insert data set components into the database with JSP and HTML
• Implemented user-friendly query forms for efficient report generation and display of requested information
• Constructed decision support queries and implemented triggers for decision-making capabilities with PostgreSQL

Data-Driven Population Analysis in California **Python, Jupyter Notebook, Sklearn, Seaborn, Panda**
• Analyzed the housing price impact on the populations of California and Texas in a comparative study
• Collaborated with a team of four members to conduct Exploratory Data Analysis (EDA)
• Cleaned up data, discovered patterns, and formulated hypothesis with NumPy and Panda
• Conducted correlation analysis on housing price and population changes in California and Texas

Kaimono – Smart Shopping Web App **JavaScript, HTML, CSS, NodeJs**
• Created a smart shopping web application that enhances inventory and shopping list management
• Engaged in Agile development methodology while collaborating with a team of ten members
• Developed user interface scripts and implemented pipeline
• Implemented unit testing and continuous testing integration

Student Record Management System App **Java, BlueJ**
• Designed a small-scale database app for efficient access and management of student records
• Worked in a team of four members, adhering to fundamental Agile principles
• Developed and primarily executed the implementation of a user-friendly Graphical User Interface (GUI) using BlueJ

Switch Arcade App **Python, Turtle, Tkinter**
• Designed a Python-based Switch Arcade Game in a team of five members
• Built six mini arcade games with distinct features and gameplay mechanics
• Enhanced the graphical user interface (GUI) in these games by leveraging Python libraries such as Turtle and Tkinter

EMPLOYMENT

Material Controller cum Tech Support **Express Manufacturing Inc | USA** **Spring 2018 – Fall 2019**
• Controlled and distributed in-stock electrical materials
• Took charge of manipulating the Manex program (ERP System)
• Reduced 15% delay time through supporting technical work
• Supported senior leaders by managing procedures and manipulating data on the system to drive process improvement

SKILLS

Programming Languages: Python, SQL, C++, C, Java, JavaScript, HTML, CSS
Frameworks/ Libraries: NumPy, Sklearn, Data Wrangling (Panda), Turtle, Tkinter, Jekyll, Node.js, Latex
Tools/ Technologies: PostgreSQL, MySQL, Jupyter Notebook, Git, Java Server Pages (JSP), Apache Tomcat, Eclipse, VS Code, MS Office (Word, Excel, PowerPoint, Outlook)

SOFT SKILLS

- Interpersonal skills
- Problem Solving
- Teamwork
- Analytical & Mathematical Mind
- Attention to detail
- Adaptability
- Time management
- Critical Thinking