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　　　　　　**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 following CI/CD

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