

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

EMPLOYMENT

Data Analyst Intern **J-Two Consulting | USA** **August 2023 – Present**

- Queried over 100,000 records from 6 vendors performing SQL scripts and consolidated the data into a centralized Excel file for analysis, standardizing formats to increase consistency by 15%
- Produced customized monthly sales reports in Excel from data files on OneDrive for 9 retailers, reducing stakeholders' previous manual workload by 60%
- Maximized visibility into assigned tasks and their progress through adapting workflows and dashboards in Jira, facilitating a 90% on-schedule completion rate via active daily standups

Material Controller cum IT Support **Express Manufacturing Inc | USA** **April 2018 – October 2019**

- Managed material procurement workflows by customizing the Manex ERP system, reducing delays by 15%
- Implemented customizable system training and Excel onboarding to reduce new employee onboarding time by 20%
- Customized workflows and reports in Manex and Excel, rescued over 15% of line leaders' collective time spent on recurring data tasks

PROJECTS

TritonLink – Database Web App **SQL, Java, PostgreSQL, JSP, HTML, CSS**

- Led a collaborative development project to build a web application enabling data management of expansive datasets through an efficiently designed E/R schema validated to model all data relationships and attributes
- Leveraged JSP, HTML and CSS to craft a responsive administration interface, empowering efficient data entry via customized forms validated through integration testing with the database
- SQL scripts including stored procedures and parameterized Java/JSP queries integrated Tomcat for customizable reporting
- Optimized CRUD and crafted decision queries and triggers utilizing PostgreSQL for parameter-driven determinations

Data-Driven Population Analysis in California **Python, Jupyter Notebook, Sklearn, Seaborn, Panda**

- Analyzed correlation between housing prices and population shifts in California vs Texas via Exploratory Data Analysis (EDA) study
- Collaborated in a four-person team applying NumPy and Pandas to clean data, discover patterns, and hypothesize formulas
- Performed correlation analysis evaluating the impact of housing costs on interstate migration flows

Kaimono – Smart Shopping Web App **JavaScript, HTML, CSS, NodeJs**

- Coordinated daily stand-ups and managed Github and Trello boards to oversee Agile workflow with a 10-member team developing an academic inventory management web application
- Designed responsive user interfaces using HTML, CSS, and JavaScript for inventory and shopping list features across desktop and mobile browsers
- Established CI/CD practices with automated front-end and back-end testing for smooth Node.js and database integration

Student Record Management System App **Java, BlueJ**

- Worked closely with a four-person team utilizing fundamental Agile methodologies to design a streamlined student records database application for intuitive data access and management
- Built a Java GUI interface with BlueJ, developing as back-end with unit tests for integrated, optimized database interactions

SKILLS

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

SOFT SKILLS

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