

# ANH VUONG

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## EDUCATION

<b>University of California, San Diego</b>	<b>San Diego, CA</b>	<b>Sep 2021 – Dec 2023</b>
Bachelor of Science in Computer Science, <b>Major GPA: 3.73, UC GPA: 3.66</b>		<b>Provost Honors</b>
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++)		
<b>Orange Coast College, CA</b>	<b>Costa Mesa, CA</b>	<b>Aug 2018 – May 2021</b>
Associate of Science in Computer Science, <b>GPA: 4.0</b>		
<b>Dean's List &amp; Awards:</b> 2020 Osher Foundation Scholarship & 2021 Sherry Griswold Memorial Scholarship		

## EMPLOYMENT

<b>Data Analyst Intern</b>	<b>J-Two Consulting   USA</b>	<b>August 2023 – Present</b>
<ul style="list-style-type: none"><li>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%</li><li>Produced customized monthly sales reports in Excel from data files on OneDrive for 9 retailers, reducing stakeholders' previous manual workload by 60%</li><li>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</li></ul>		
<b>Material Controller cum IT Support</b>	<b>Express Manufacturing Inc   USA</b>	<b>April 2018 – October 2019</b>
<ul style="list-style-type: none"><li>Managed material procurement workflows by customizing the Manex ERP system, reducing delays by 15%</li><li>Implemented customizable system training and Excel onboarding to reduce new employee onboarding time by over 20%</li><li>Customized workflows and reports in Manex and Excel, rescued over 15% of line leaders' collective time spent on recurring data tasks</li></ul>		

## PROJECTS

<b><u>TritonLink – Database Web App</u></b>	<b>SQL, Java, PostgreSQL, JSP, HTML, CSS</b>
<ul style="list-style-type: none"><li>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</li><li>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</li><li>SQL scripts including stored procedures and parameterized Java/JSP queries integrated Tomcat for customizable reporting</li><li>Optimized CRUD and crafted decision queries and triggers utilizing PostgreSQL for parameter-driven determinations</li></ul>	
<b><u>Data-Driven Population Analysis in California</u></b>	<b>Python, Jupyter Notebook, Sklearn, Seaborn, Panda</b>
<ul style="list-style-type: none"><li>Analyzed correlation between housing prices and population shifts in California vs Texas via Exploratory Data Analysis (EDA) study</li><li>Collaborated in a four-person team applying NumPy and Pandas to clean data, discover patterns, and hypothesize formulas</li><li>Performed correlation analysis evaluating the impact of housing costs on interstate migration flows</li></ul>	
<b><u>Kaimono – Smart Shopping Web App</u></b>	<b>JavaScript, HTML, CSS, NodeJs</b>
<ul style="list-style-type: none"><li>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</li><li>Designed responsive user interfaces using HTML, CSS, and JavaScript for inventory and shopping list features across desktop and mobile browsers</li><li>Established CI/CD practices with automated front-end and back-end testing for smooth Node.js and database integration</li></ul>	
<b><u>Student Record Management System App</u></b>	<b>Java, BlueJ</b>
<ul style="list-style-type: none"><li>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</li><li>Built a Java GUI interface with BlueJ, developing as back-end with unit tests for integrated, optimized database interactions</li></ul>	

## SKILLS

**Programming Languages:** Python, SQL, C++, C, Java, JavaScript, HTML, CSS  
**Frameworks/ Libraries:** NumPy, Sklearn, Data Wrangling (Panda), 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

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