

ANH VUONG

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PROFESSIONAL SUMMARY

As a prospective Computer Science graduate student at UC San Diego, I bring proficiency in Python, C++, Java, HTML, CSS, JavaScript, SQL, and Matlab, with a passion for innovation and a commitment to success in collaborative projects

EDUCATION

University of California, San Diego, CA

Sep 2021 – Dec 2023

Bachelor of Science in Computer Science, **Major GPA: 3.74, UC GPA: 3.69**

Provost Honors

Relevant Coursework: Database Systems Principles and Application (Java, SQL, PostgreSQL), Machine Learning (Python), Data Science (Python), Software Engineering (JavaScript), Data Structure and Algorithm (C++), Computer OS (C)

Orange Coast College, 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

PROFESSIONAL EXPERIENCE

Data Analyst Intern

Aug 2023 – Oct 2023

J-Two Consulting LLC, Santa Ana, CA, USA

J-Two Consulting LLC is a small startup that specializes in delivering expert financial management consulting services, offering tailored solutions to address the distinct needs of businesses.

- 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%
- Created customized monthly sales reports in Excel for 9 retailers, reducing manual workload by 60%, and improved task visibility and on-schedule completion rate by adapting workflows and dashboards in Jira via active daily standups

PROFESSIONAL EXPERIENCE

[TritonLink – Database Web App](#)

Mar 2023 – Jun 2023

- 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](#)

Mar 2023 – Jun 2023

- Analyzed correlation between housing prices and population shifts in California vs Texas via Exploratory Data Analysis (EDA) study utilizing Python and Jupyter Notebook
- Collaborated in a four-person team applying NumPy, Sklearn 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](#)

Sep 2022 – Dec 2022

- 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

SKILLS

- **Programming Languages:** Python, C++, Java, SQL, Javascript, HTML, CSS, Matlab
- **Frameworks/ Libraries:** NumPy, Sklearn, Data Wrangling (Pandas), Jekyll, Node.js
- **Technologies/Tools:** Jira, PostgreSQL, MySQL, Jupyter Notebook, Git, JSP, Apache Tomcat, Latex, Visual Studio, Eclipse, PyCharm, MS Office (Word, Excel, PowerPoint, Outlook)
- **Others:** Attention to Detail, Problem Solving, Teamwork, Adaptability, Analytical & Mathematical Mind

ADDITIONAL EXPERIENCE

Material Controller cum IT Support

Apr 2018 – Oct 2019

Express Manufacturing, Inc. (EMI), Santa Ana, CA, USA

Express Manufacturing, Inc. is an Electronics Manufacturing Services company providing comprehensive product manufacturing services to global electronics and technology companies with 1000+ employees in USA, China, and Vietnam

- Managed material procurement workflows by customizing the Manex ERP system, reducing delays by 15%
- Customized workflows and reports in Manex and Excel, rescued over 15% of line leaders' collective time spent on recurring data tasks