

# ANH VUONG

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## PROFESSIONAL SUMMARY

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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

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### 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

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### 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

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### [Predictive Analysis of User Ratings](#)

Mar 2023 – Jun 2023

- Led a team of four developers in performing predictive analysis of RentTheRunway's Clothing Fit Data through Python libraries including Numpy, Scikit-learn, and Tensorflow in Jupyter Notebooks
- Employed a robust methodology for dataset introduction, cleaning, and exploratory analysis to enhance insights into online fashion customer satisfaction factors
- Utilized predictive modeling, text mining, and optimization to create a recommender system for customer satisfaction prediction

### [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

### [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

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- **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

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### 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