ANH VUONG

(657) 271 3310 | anhhoangvuong151@gmail.com | https://ahvuong.github.io/ | [Linkedin](#) | [Github](#) | U.S. Citizen

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

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

COMPUTER SCIENCE PROJECTS

[Predictive Analysis of User Ratings](#) | Leader   **Sep 2023 – Dec 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](#) | Leader   **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](#) | Developer   **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, MS Office (Word, Excel, PowerPoint, Outlook)
- **Others:** Attention to Detail, Problem Solving, Teamwork, Adaptability, Analytical & Mathematical Mind