Kenneth Chung

Mathematics-Computer Science Major at the University of California, San Diego

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Skills

Tools | Microsoft Office, Google Docs Editors, Jupyter Notebooks, Unix, Git/GitHub, MongoDB, LaTeX, Docker

Languages | Python, R, MATLAB, C/C++, Java, HTML/CSS, Bash

Packages | NumPy, Pandas, Seaborn, Scikit-learn

Education

University of California, San Diego Sep 2021-Jun 2024

- Bachelor of Science | Mathematics-Computer Science | GPA 3.75
- Classes: Data Structures and Algorithms, Object-Oriented Design, Calculus, Linear Algebra, Statistics, Software Engineering, Graph Theory, Machine Learning, Numerical Analysis, Microeconomics

Work Experience

Keller Williams Realty | Real Estate Portfolio Analyst   03/2024–07/2024

- Cleaned property and customer data for one of the firm's top performing agents
- Optimized, automated, and packaged scripts which created real estate portfolios, increasing speed by 50%

Tovis North America | Warehouse Associate   03/2024–10/2024

- Carefully inspected and recorded products, making note of and helping fix defects
- Coordinated with a diverse team in a fast-paced environment, increasing average throughput by 20%

Math Tutor   03/2024–Present

- Crafted worksheets for and instructed students in mathematics
- Tailored lesson plans according to specific needs of individual students

Projects

Drug Satisfaction Predictor

- Collaborated with a team to analyze and summarize consumer sentiment
- Used sentiment analysis on database of thousands of customer reviews to predict patient satisfaction with a given drug
- Optimized model to increase prediction accuracy by 75%

ChatGPT App

- Collaborated with team along agile development principles to ensure meeting of deadlines and smooth integration of features
- Designed user interface and backend for product which could answer and save user questions

Huffman Coding Algorithm

- Compressed files, decreasing file size by 40%
- Designed tests to detect and trace bugs

Extracurriculars & Other Interests

- Designed geopolitical threats for delegates to deal with in Model United Nations
- Performed as a baritone singer in Duly Noted, UCSD student-led a cappella
- Other interests: cooking, hiking, economics, current events