JUN ZE HE

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EDUCATION

University of California, Los Angeles (UCLA), Los Angeles, CA   Expected June 2025
Bachelor of Science, Data Theory
- GPA: 3.324
- Relevant Coursework: Python, R programming, Introduction to Data Analysis, Introduction to Computational Statistics, Mathematics for Data Theory, Statistical Optimization in Machine Learning, and Data Mining

Break Through Tech at Cornell University, New York, NY   May 2024 – Aug 2024
Certificate in Machine Learning Foundations (eCornell)
- Relevant coursework: Machine Learning, Computer Vision, Natural Language Processing, Language Models

CAMPUS INVOLVEMENT / EXTRACURRICULAR ACTIVITIES

National Student Data Corps @ UCLA, Los Angeles, CA   Jan 2024 – June 2024
Project Lead
- **Led** 5 teammates to complete the credit score and the heart disease classification project by Python
- **Managed** data understanding, feature engineering, modeling, and model evaluation in both projects by Trello
- **Accomplished 90%** true positive rate by XGB in the Credit Score classification project and 95% true positive rate by Random Forest in the heart disease classification project

DataRes @UCLA, Los Angeles, CA   Jan 2024 – June 2024
Data Journalist
- **Proposed** research questions on LACrime and California K-12 disciplinary dataset from Kaggle in a team of 5
- **Extracted** insights using Python (Seaborn, Matplotlib, Pandas), presented my findings, and wrote journal medium articles to explain my findings

PROJECTS

Honkai Star Rail's Player Reviews Analysis, Los Angeles, CA   Aug 2024 - Sep 2024
- **Scraped** Honkai Star Rail's player reviews data on Google Store by **serpapi**
- **Summarized** player concerns with game difficulty, login issues, and requests for controller support by using LatentDirichletAllocation, Nonnegative Matrix Factorization, Top2Vec, and BERTopic in Python

WORK EXPERIENCE

Accenture, Los Angeles, CA   Aug 2024 – Dec 2024
AI Studio Program, Machine Learning Engineer Intern
- **Developed** a Technology News Insight Engine to uncover industry trends from various technology articles, supporting business development for tech startup clients
- **Automated** text mining and article categorization pipelines using NLP techniques, Groq API, and BERTopic for efficient data processing
- **Built** an interactive recommendation system leveraging Retrieval-Augmented Generation (RAG) to answer client queries and provide tailored insights
- **Enhanced** Accenture consultants' ability to gather targeted technology insights aligned with clients' business needs, achieving a 20% increase in efficiency

Mt San Antonio College, Walnut, CA   June 2022 - Aug 2022
Research Assistant
- **Assisted** a computer science lab in University of California, Irvine in **integrating** a health watch with their Institute of Future Health platform
- **Cleaned** data and **analyzed** the watch's data collection accuracy through data visualization and statistical measurements in Python
- **Demonstrated** the difference between data from the watch and the medical device was small based on mean squared error, variance, and P-values

SKILLS

- Technical Skills: Python, TensorFlow, PyTorch, R, SQL, HTML, CSS, JavaScript, C++, Java**,** Github, Git, basic AWS, basic Azure
- Computer Skills**:** Google Suite, Microsoft Office, Trello
- Language Skills: Mandarin (Fluent), Cantonese (Fluent)