JUSTIN CHEN

University of California at Berkeley

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WORK HISTORY

Amazon – Seattle, WA   **June 2020 – Present**
Software Development Engineer Intern – Supply Chain Optimization Team
- Automate pipeline for direct fulfillment channel selection: aggregating data, preprocessing (ETL), training and tuning hyperparameters for model, and deployment

UC Berkeley EECS Department – Berkeley, CA   **January 2019 – December 2019**
Academic Intern
- Reviewing and preparing lab assignments with (u)GSIs each week for the course *COMPSCI 100*
- Assisting in lab and office hours

Aurora Consulting – Berkeley, CA   **September 2018 – December 2019**
Project Manager
- Applied skills in data science/analysis, statistical modeling, and marketing
- Worked to produce market insights and competitive landscape for Aethon Partners through data analysis and collaborative research

JDA Software Group Inc. – Irving, TX   **May 2019 – August 2019**
Data Science Intern
- Developed a data pipeline to aggregate, standardize, and integrate data from multiple sources, including real-time & historical shipment, carrier, tracking, and product data with live update capability
- Contributed to a model for predicting time of arrival for specific shipments using real-time AIS responses through various API responses
- Built/Deployed a continuously updating web-based specification for customer process models for customer use (end-to-end)

EDUCATION

Coppell High School - Coppell, TX   **August 2014 - May 2018**
High School Diploma

University of California at Berkeley - Berkeley, CA   **August 2018 - May 2022**
B.A. Computer Science, B.A. Statistics (Intended)
- <u>Selected Coursework:</u> Data Structures and Algorithms, Principles and Techniques of Data Science, Discrete Mathematics and Probability Theory, Linear Algebra and Differential Equations, Computer Architecture, Data and Decisions, Efficient Algorithms and Intractable Problems, Introduction to Artificial Intelligence

SKILLS AND INTERESTS

Programming Languages	Python, Java, C, SQL, Lisp (Proficient) | Javascript, HTML, CSS (Intermediate)
Libraries and Frameworks	NumPy, pandas, matplotlib, scikit-learn, PyTorch, Jupyter, React.js, D3.js, Flask, Ray
Software, OS	Git, Excel, AWS, RESTful APIs, Unix/Linux, Microservices, Machine Learning, MySQL, Neo4J, Spark
Languages	English, Chinese, Spanish
Interests	Tennis, Poker, Basketball, Music, Travel, Photography/Videography, Fitness