
JUSTIN CHEN

University of California at Berkeley

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WORK HISTORY

UC Berkeley EECS Department – Berkeley, CA

September 2019 – Present

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 – Present

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

Software/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
- Aggregated carrier scheduling data and managed a graph database
- Built/Deployed a continuously updating web-based specification for customer process models for customer use (end-to-end)

UC Berkeley Division of Data Sciences – Berkeley, CA

January 2019 - May 2019

Lab Assistant

- Helped section GSIs with content development and preparation in the course Data 8
- Provided 1 on 1 assistance during weekly lab section of over 30 students

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)

- Selected Coursework: 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, SQL, Lisp (Proficient) | Javascript, HTML, C , CSS (Intermediate)
Libraries and Frameworks NumPy, pandas, matplotlib, SciPy, scikit-learn, Jupyter, jQuery, D3.js, Flask, Ray
Software, OS Git, Excel, JIRA, RESTful APIs, Unix/Linux, Microservices, Machine Learning, MySQL, Neo4J, Spark

Languages

English, Chinese, Spanish

Interests

Tennis, Basketball, Music, Travel, Photograph/Videography, Fitness