

Chaolun Allen Xu

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EDUCATION

University of Southern California, Viterbi School of Engineering

Los Angeles, CA

Master of Science in Analytics

GPA: 3.9/4.0

May 2023(expected)

Courses: Data Management, Predictive Analytics, Optimization Methods (Python), Relational Database(SQL)

Emory University, College of Arts and Sciences

Atlanta, GA

Bachelor of Arts in Economics

GPA: 3.5/4.0

May 2020

SKILLS

Technical skills: Java, AWS, SQL, Python, R, Tableau, Google Sheet, Excel, Java Servlet, REST API, Hibernate, GCP, AWS, Agile, Dockers, Oracle, React.js, Flask, Firebase, Elasticsearch,

Analytical skills: Data Mining, Data Wrangling, Regression Analysis, Dashboard Building, Probability, A/B testing.

WORK EXPERIENCE

Snailz

New York City, NY

Data Analyst

May 2021 – August 2021

- Wrote an automated python script that reflected on data workflow on user signup and registration date from 5 data sources with SQL and Excel, reduced data reporting time by 20%, saving analytics team 2 hours of work per week.
- Aggregated over 28000 users' information using SQL. Analyzed the data and realized the bouncing rate between user registration page and booking page is low due to an over complicated interface. Simplified the booking tab interface, able to increase page views and new users by ~20%.
- Created a new internal use dashboard with Tableau that displays weekly changes in user growth, page views, and revenue, received strong positive feedback from data analyst team members and team leader.

BCEG International Investment US - Inc.

Woodland Hills, CA

Research Analyst

August 2020 – March 2021

- Conducted LA area hotel data analysis with over 3000 rows of data through Co-Star Database, presented key findings on domestic regions with largest ADR growth and lowest occupancy rate; delivered actionable suggestions to help company target new market and improve current investment strategies in daily meetings
- Simplified methods of project return calculation by Python and able to increase work time efficiency by ~20%.
- Estimated over 12 housings' underwriting processes and reported 3 of the housings to the audit team for further investment plans.

China Merchants Bank

New York City, NY

Structured Finance Intern

June 2018– August 2018

- Analyzed quarterly credit reviews for companies, including Tyco, Yum Brands! and Johnson Control, etc. with Excel.
- Presented principal analytics findings to the chief managers to help guide their finance and business strategies.
- Translated Credit Memo into Mandarin Chinese and forwarded completed Credit Memo report to headquarters.

LEADERSHIP & COMMUNITY INVOLVEMENT

Emory Chinese Student Association

Atlanta, GA

Vice President

August 2016- May 2020

- Led a team of 5 people to produce a promotional video, which attracted 5000+ viewers on social media
- Led 10 IT Department members to manage professional sound system and video systems during 6 main events
- Assigned weekly duties to department members and presented progress report to the executive board