

Qiumeng (Christina) Yu

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BUSINESS AND DATA ANALYST

Highly innovative Business and Data Analyst and MS Business Analytics candidate at UCLA Anderson with over five years of business operation and finance experience in Global 500. Expertize in multiple quantitative and qualitative methods to reduce costs and improve operational efficiency and workplace productivity. English/Mandarin/German trilingual.

Languages/Software/Skills: Python, SQL, R, Machine Learning, TensorFlow, A/B Testing, Matlab/Simulink, Snowflake, Tableau
Certification: CFA Level II candidate

PROFESSIONAL EXPERIENCE

AUDI AG

Resource (Financial Planning) Manager, Powertrain

Ingolstadt, Germany
Mar. 2017 – Feb. 2019

- Led annual \$250M budgeting process for two powertrain departments, providing senior managers with clear financial plans and supporting Audi's achievement of financial targets while controlling costs.
- Automated financial planning process with MS Excel Macros for Audi Powertrain Resource Management Department, saving 15 man-hours per month.
- Managed \$100M outsourcing process in collaboration with cross-functional teams; extracted data from SAP system and visualized outsourcing progress for senior managers, improving transparency and cost control.
- Monitored productivity of 900+ staff; defined measures to address under- and over-capacity issues, reducing labor costs.

Project-Coordinator, China Localization Project

Mar. 2015 – Feb. 2017

- Developed, communicated, and coordinated test engine production plans for two Chinese joint ventures; managed technical modification process to ensure fulfillment of technical requirements for localized production.
- Optimized process for ordering test engines at VW joint ventures in China, saving \$30K per year.

Audi International Trainee

Mar. 2014 – Feb. 2015

- Participated in analytical projects from multiple business sectors including Product Marketing, R&D, Quality Control Department.
- Collected 1000+ datasets and analyzed different product features of Mercedes/BMW/Audi using pivot table to develop an improved market positioning strategy.
- Analyzed international test engine production process, performed internal Focus Group study, and offered suggestions to establish project tracking plan, increasing process transparency and efficiency.
- Combined quantitative and qualitative methods to analyze problem-solving process of default parts in Audi Hungary, optimized the process to reduce the problem-solving time and improve efficiency.

TECHNICAL UNIVERSITY OF MUNICH

Academic Assistant

Munich, Germany
Jan. 2014 – Feb. 2014

- Analyzed data for multiple projects and visualized results using Matlab for PhDs of Mechanical Engineering Faculty.

PORSCHE ENGINEERING

Function Developer Internship

Stuttgart, Germany
Sep. 2012 – Feb. 2013

- Created diverse Matlab/Simulink-Tools and dashboards to analyze collected data from vehicle tests, reducing data processing workload by 70% for the whole team.
- Simulated and applied different functions of engine control using Matlab/Simulink to reduce emissions.

ANALYTICS PROJECTS

Squid Case Study

Los Angeles, CA

- Performed quantitative analysis on over 800K datasets of Squid's clients in snowflake and Mysql, built advanced interactive dashboards in Tableau to generate business insights into sales and fulfillment performance.

MSBA adidas Data Challenge

Los Angeles, CA

- Processed and classified 4000+ datasets from ANSUR 2012 in Python to define primary dimensions and create new sizing guide for adidas customers.

EDUCATION

UCLA ANDERSON SCHOOL OF MANAGEMENT

Master of Science in Business Analytics (STEM designated), cumulative GPA 3.87/4.0

Los Angeles, CA
Expected December 2020

- Machine Learning, Operation Analytics, Customer Analytics, Prescriptive Models and Data Analytics, Data Management

TECHNICAL UNIVERSITY OF MUNICH

Master of Science in Mechanical Engineering, GPA 3.7/4.0

Munich, Germany
Oct. 2010 – Dec. 2013

- Graduated with distinction

SHANGHAI JIAO TONG UNIVERSITY

Bachelor of Science in Mechanical Engineering and Automation, GPA 3.64/4.0

Shanghai, China
Sep. 2006 – Jun. 2010

- Shanghai Municipal Excellent Graduate of the Year 2010