

ZHUOQUAN CHEN

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WORK EXPERIENCE

DATA ANALYST

02 / 2021 – 06 / 2023

MetTel, New York, NY

- Utilized SQL to analyze and optimize datasets, removing wireless data overage for customers.
- Conducted data validation for answering data-related queries.
- Worked with Python libraries (Numpy, Pandas, Matplotlib, Seaborn) to clean, manipulate, and visualize data for business intelligence purposes.
- Developed and maintained automated data models and pipelines, reducing workload and data processing time by approximately 25% for the Business Intelligence team.
- Applied web scraping techniques using BeautifulSoup and Selenium for data collection for quoting purposes.
- Collaborated with cross-functional teams to define data requirements and create data models that facilitate efficient data analysis and reporting.
- Designed and implemented complex ETL pipelines to extract, transform, and load data from various sources into a centralized data warehouse, ensuring data accuracy and consistency.

DATA SPECIALIST

08 / 2018 – 01 / 2021

Financial Aid Office of BMCC, New York, NY

- Collected source data including extracting, integrating & organizing data from disparate sources, provided data support to other departments in a consumable format.
- Managed student data explorations and cleaning process in Python, transformed raw data into consumable, quality information that's ready for analytics.
- Analyzed students' historical application data to gain insights for relevant departments making decisions.
- Managed school database in terms of data entry modernization & management, including accessing student data in a consumable format when financial counselors required them for services.
- Assisted with data integrity & verification process of students' application data.

FREELANCE GRAPHIC DESIGNER / ART DIRECTOR / DESIGN DIRECTOR

03 / 2005 – 12 / 2019

New York, NY / Guangzhou, China

- Oversaw the daily graphic design content from concept to the finished project, layout & production materials as well.
- Designed, served & developed brands for 100+ companies, including Fortune 500 companies.
- Collaborate with marketing teams to translate campaign objectives into compelling visual designs and brand messaging.
- Managed & collaborated with a team of 20+ professionals & gained a 100% success rate on all projects and deliverables.
- Stay up-to-date with emerging graphic design trends and formats in the industry to drive innovation and maintain a competitive edge.
- Responsible for 30+ different districts of Guangzhou Power Supply Bureau VI design renovation project, 2008.
- Won the design bid for the first multi-function exhibition hall project of the Power Supply Bureau, 2011, Guangzhou, China.
- Won the design bid for the office material decoration design for the P&G South China Head office, 2013, Guangzhou, China.
- Won the design bid for the P&G Annual Convention of 2014, Guangzhou, China.

EDUCATION

BROOKLYN COLLEGE

08 / 2016 – 06 / 2020

- Bachelor of Science in Computer Science
- CUNY Research Scholarship Program Scholarship

PROFESSIONAL SKILLS

- Adobe: Adobe Photoshop, Adobe Illustrator
- Programming: Python, SQL, Java, HTML/CSS
- Data Technologies: Spark, AWS Glue Studio
- Data Processing and Visualization: Numpy, Pandas, Matplotlib, Seaborn
- Machine Learning: Scikit-learn (classification, regression, clustering)
- Deep Learning: Keras (image recognition, object recognition)
- Natural Language Processing: NLTK