Kat Chua

kathdjc@gmail.com • +4159678143 • www.linkedin.com/in/katharinechua

Strong data analysis and programming skills. Leadership experience in technology consulting and education. Author and online content creator. Passion for creating innovative solutions and fast-paced environments.

Education

University of California, Berkeley - Data Science (B.A.) & Political Economy (B.A.) 2016 – 2020

Relevant Experience

Warner Bros. BURBANK, CA
Data Science & Machine Learning Intern *June 2019 – August 2019*
- Developed internal job candidate resume ranking tool for company recruiters with RShiny user interface and NLP model in Python and Java
- Built and tested machine learning models (random forest, linear and logistic regression, glmnet, etc.) to predict candidate performance.
- Supported People Analytics team by aggregating and visualizing data from Workday

Supportiv BERKELEY, CA
Data Science Intern *August 2018 – January 2019*
- Trained language models on 1 million conversation's worth of text data using natural language processing methods and machine learning
- Implemented video content and metrics web-scraper, topic modeling based summarizing program for internal use in Supportiv's mobile application

PebblePost SAN FRANCISCO, CA
Business Intelligence & Analytics Intern *May – August 2018*
- Supported sales team with persuasive dashboards and visualizations using Python and Tableau
- Automated daily sales report and other common team workflows using SQL and ETL software
- Implemented optical character recognition for postcard design tagging database

Leadership Roles

Political Computer Science @ Berkeley
Project Manager *January 2018 – present*
Led eight-person team in creating bi-weekly data analysis articles on current events in politics and government for the PolitiCS Medium blog

International Relations Journal
Chief Copy Editor *August 2017 – December 2018*
Directed and trained team of copy editors responsible for proofing academic article submissions for grammar, overall style, and references

University of California, Berkeley - Statistics Department
Foundations of Data Science Lab Assistant *August – December 2017*
Assisted a lab section of 20+ students with debugging and clarifying conceptual knowledge: hypothesis and A/B testing, KNN classifiers, regression models, classification

Projects

Common Law Trademarks: For startup client, Naming Matters, led five-person team in coding a technical solution for determining a potential product/service name's common law trademark litigation risk

Skills & Certifications

Software, Programming Languages: Python (scikit-learn, numpy, pandas, SpaCy, seaborn, plotly), Java, SQL, Lisp, Excel, Tableau, Jupyter Notebooks

Coursework: Data Structures, Natural Language Processing, Linear Algebra, Object-Oriented Programming, Applied Data Science for Venture Applications, Concepts in Probability

Certificates: UC Berkeley Certificate in Entrepreneurship & Technology