Peter Zhang

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Education

University of California, Berkeley   **Berkeley, CA**
Computer Science & Economics B.A.; 4.00 GPA   2020–2023
Coursework: Data Structures/Algorithms, Data Science, InfoSys Design, Micro/Macro, Discrete Math, Statistics
Activities: Voyager Consulting, Berkeley Economic Review, Debate Society of Berkeley, Computer Science Mentors

Experience

Amazon   **Arlington, VA**
Incoming Software Engineering Intern   May 2021–Aug 2021

DeWaste   **Berkeley, CA**
Data Science Intern   Feb 2021–Present
– Build web interface for food waste data, providing restaurants with real-time, actionable insights
– Leverage time series forecasting to disaggregate daily, weekly, and yearly trends in food waste

Voyager Consulting   **Berkeley, CA**
Volvo Cars Consultant   Jan 2021–Present
– Performed industry analysis and researched 20+ innovative on-demand car features for development.
– Designing Gabor Granger survey to assess demand and build convenient, Excel-based pricing model.
Monster Energy Consultant   Sep 2020–Dec 2020
– Quantified consumer interest in 55 product categories from scraped social media and Google Trends data
– Forecasted demand from 4.5M rows of CPG sales data to suggest product development and launch strategies

National Institute of Standards and Technology   **Gaithersburg, MD**
Economic Research Intern   May 2020–Sep 2020
– Annotated 50+ papers on resilience planning to find trends in how co-benefits are treated in benefit-cost analysis
– Published user manual and case study for Edge$, an online decision-making software for resilience projects

National Cancer Institute   **Rockville, MD**
Research Assistant   Jul 2019–Apr 2020
– Scraped and reformatted 1 billion+ gene expression datapoints from drug trials to expedite user queries
– Developed R Shiny app for dynamic plotting/analysis and created an Electron-based MacOS deployable

Projects

Partisanship & COVID   Dec 2019–Apr 2021
– Compiled a novel COVID-19 dataset using Census, NYT, JHU, DOT, and election data for 3,111 counties
– Published article detailing the relationship between political affiliation and COVID-19 via multiple regression

Debate Analysis   Sep 2020–Feb 2021
– Scraped 200k+ outcomes from debate tournaments and 5k+ online debate cases with BeautifulSoup
– Published articles detailing the impact of transitioning to online debate and rates of public case disclosure

World4   Apr 2019
– Carrying capacity model based on Spearman correlation and regression on 20+ environmental indicators
– Awarded Top 6 in the US in the International Mathematics Modeling Competition for rigor and innovation

Skills

Languages: Python, Java, R, SQL, HTML/CSS/JavaScript, Flask/React, LaTeX, Stata, VBA, MATLAB
Tools: Git/Terminal, Azure/AWS, VSCode/IntelliJ/Android Studio, WordPress, R Shiny, Electron, Qualtrics

Awards

MasterCard Case Competition; 3rd	May 2021
Venture Capital Investment Competition; Global Finalist	Feb 2021
UC Berkeley Leadership Award; Recipient	Jul 2020
National Speech and Debate Tournament; 6th Place	Jun 2020
USA Computing Olympiad; Platinum Division	Apr 2020