

Alexander G. Costa

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WORK EXPERIENCE

Pearl Meyer

Data Analyst (Under NDA)

Chicago, IL

July 2022 – Present

- Utilize various softwares and online databases to collect publicly available company financial data and information as it relates to various client's compensation needs and situation
- Conduct data analysis in Excel using 5 analytical methods to clean/extract pertinent information
- Synthesize concise reports and present findings for clients through approachable data visualizations and communication
- Collaborate on 4 concurrent projects on a day-to-day basis in a fast-paced consulting environment with ability to be flexible for staffing needs and changing analysis and stakeholder deadlines

University of Illinois Economics Department

Research & Data Science Assistant

Champaign, IL

August 2021 – May 2022

- Assisted in data science project which involved the creation of an online R "bookdown" that documents over 5 data modeling techniques in HTML format for quantitative research purposes
- Conducted data analysis on various published academic papers and datasets using A/B tests, regressions, synthetic control to find causal effects and trends

PepsiCo Design Center

Design Coordinator Intern

Chicago, IL

July 2017 – May 2018

- Managed the timely booking of monthly travel, arrangement of daily meetings, completion of over 20 monthly reports, and filing/archival of invoices for over 15 ongoing design projects
- Supported 15 office employees and 2 departments with excellent communication skills through coordinating with the design VP and assisting in over 5 timely project rollouts and completions

EDUCATION

University of Illinois at Urbana-Champaign

BS Econometrics and Quantitative Economics

Graduation Date: May 2022

BA Urban Studies and Planning: Policy and Planning

Cumulative GPA: 3.93/4.00

- Graduated with James Scholar Honors for academic performance

SELECT PROJECTS

Data Analysis: Workflow Refinement/Update (Under NDA)

April-May 2023

- Reduced analysis time by improving analysis workflow in existing software through individually developing an automated and responsive excel database for use by entire project team

Data Science Research: Synthetic Control Research Replication

December 2021

- Replicated an academic paper using R Studio and existing data that employed the synthetic control method to determine causal effect of public policy on cigarette consumption in California

Data Analysis and Visualization: COVID-19 Hotspot Mapping

December 2020

- Used public health data to conduct spatial quantitative data analysis and visualization on COVID-19 hotspots in Chicago and created a report with interactive HTML maps in R Studio

ADDITIONAL SKILLS

- Microsoft Office Suite: Word (Advanced), PowerPoint (Advanced), Excel (Advanced)
- Programming Language Skills: R/RStudio (Proficient), SQL (Novice), Python (Novice)
- Data Visualization Skills: ArcGIS (Proficient), Power BI (Novice), R ggplot (Proficient)
- Adobe Suite Skills: InDesign (Novice), Photoshop (Novice), Illustrator (Novice)