

Jonathan Chang

801-889-6365 • SF Bay Area, CA • j.chang@berkeley.edu

EDUCATION

University of California, Berkeley | Master of Development Practice Expected 2023

- Coursework in quantitative methods and impact evaluation, public health, economics, energy, and project management

Yale University | B.A. Political Science & Mechanical Engineering, graduated *cum laude* Aug. 2012 - May 2016

- 3.83/4.0 cumulative GPA; distinction in Political Science & inducted into Tau Beta Pi engineering honor society
- Political science coursework: Comparative Welfare Policy (senior essay), Multivariate Stats for Social Sci., Capitalism, Political Psychology, Global Firms and National Governments, Intl Challenges of the 21st Century
- Engineering coursework: prototyped air quality monitor for US EPA study (senior project), Appropriate Tech for the Developing World, Biotech for the Dev. World, Computer Aided Design, Information Systems, Differential Equations

MITx Micromasters | Data, Economics, and Development Policy September - Dec. 2020

- Courses: Designing and Running Randomized Evaluations, Foundations of Development Policy: Advanced Development Economics, Political Economy and Economic Development, Data Analysis for Social Scientists, Microeconomics

EXPERIENCE

Facebook (Jan. 2020 - Aug. 2021)

Community Support Analyst (contract) | Sunnyvale, CA Jan. 2021 - Aug. 2021

- Managed and worked to improve the Facebook Developer Forum (over 100K+ monthly active users) to better identify, surface, and resolve developer issues with the FB DevOps Experience and Developer Support Engineering teams

Developer Support Quality Specialist (contract) | Sunnyvale, CA Jan. 2020 - Jan 2021

- Worked with the Developer Support Engineering team to identify platform bugs and unblock developers of the 40M+ apps using Facebook software and tools (e.g. Graph API, Instagram Graph API, Messenger Platform)
- Helped DSE implement new strategy of improved quality auditing; advised on tooling and process changes related to QA

Data analyst contracting and research (Aug. 2019 - Feb. 2020)

Research Assistant Aug. 2019 - Dec. 2019

Eesley Group, Stanford University Management Science and Engineering Department | Palo Alto, CA

- Assisted in research on how the entrepreneurial strategies of 8000+ blockchain startups adapt in relation to institutional change
- Created and cleaned dataset of 4M+ tweets, ran machine learning models tailored to tweet data, trained a multi-label classification model to categorize text

Data Analyst Aug. 2019 - Dec. 2019

Motorq | Palo Alto, CA

- Helped launch several key features on Motorq's connected-car data analytics platform, which trigger event alerts based on driving behavior, vehicle location, and status data obtained from connected-car systems
- Developed/validated algorithms via Python scripting to filter unreliable signal data from seatbelts, GPS, and speedometers

Data Analytics Bootcamp Teaching Assistant Aug. 2019 - Feb. 2020

UC Berkeley Extension | Belmont, CA

- TA for course that covered fundamental stats, scripting, ETL, databases, web visualizations, and machine learning

Product Aug. 2018 - Jan. 2019

UniBit | Boston, MA

- Set the product roadmap and delivered the startup's first beta product: an NLP-focused, news-driven financial research platform and terminal used by teams at Accenture, Salesforce, and Teradata. The company joined Y Combinator (W20) and became Acho.io

Associate Consultant Aug. 2017 - Jul. 2018

New Markets Advisors | Boston, MA

- Strategy and innovation consulting for firms spanning Fortune 500 to startups in industries including health, finance, technology
- Formulated and executed full cycle analysis: problem definition, data gathering, analysis, scaled deliverables and presentations

Student Life Advisor July 2016 - Jul. 2017

University of Central Asia (Aga Khan Development Network agency) | Naryn, Kyrgyzstan

- Helped launched \$200M university in its first year of operation in rural Kyrgyzstan, shaping culture of on-campus and academic life
- Initiated institutional research by creating datasets and analyses that shaped policy on student services and admissions

SKILLS

Data analysis: Exploratory analysis, data wrangling, modeling, visualizations. | **Programming:** proficient in R (tidyverse), Python (pandas, scikit-learn, nltk), SQL, JavaScript, FB Platform | **Writing:** academic, policy briefs, technical documentation | **End-to-end qual/quant research:** problem definition, recruitment, interview/surveying, analysis, synthesis, reporting