

# MADDY CHEN

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## EDUCATION

University of California, Berkeley

May 2021

B.A. Data Science, B.A. Economics

**Awards:** Cal Alumni Leadership Award 2018, 2019, Rewriting the Code Fellow 2018, 2019, 2020

**Relevant Coursework:** Data Structures, Algorithms, Data Mining, Artificial Intelligence, Probability Theory, Econometrics

## WORK EXPERIENCE

**JUV CONSULTING** | Director of Research

June '20 – Present

- Oversee internal database and analysis of internal and external research, including various Fortune 500 clients
- Spearheaded rebranding of JUV's global virtual network of 3000+ members by conducting A/B experimentation, user surveys, redesigning programming, and increasing leadership transparency to increase engagement

**TECH GALS PODCAST** | Founder and Host

Apr '20 – Present

- Created a podcast to amplify minority voices and start conversations about allyship and support in tech by interviewing engineers, startup founders, recruiters, and executives at companies including Airbnb, Stripe, MongoDB
- Independently organized, recorded, designed, and created all episodes, website, and marketing materials

**FIDELITY INVESTMENTS** | Software Engineering Intern

May '19 - Aug '19

- Streamlined the matching process between skillsets projects by redesigning the survey and analysis code
- Automated the subscription replication process for client tables between mainframe and Oracle databases

## PROJECTS

**BALLIN**

Sep '19 - Dec '19

- Created various ML models by extracting NBA series and player data to create predictions for playoff placements
- Implemented n-game difference vectors to create probability weights to predict the likelihood of the winning team

**TWITTER API ANALYSIS**

Oct '18

- Extracted Trump's tweets, converted it to a json file and data frames for data cleaning and visualizations
- Analyzed the devices used, lexicon sentiment analysis, retweet engagement based on text polarity

## LEADERSHIP AND ACTIVITIES

**ASSOCIATED STUDENTS OF UNIVERSITY OF CALIFORNIA (ASUC)** | Senator

May '20 - Present

- Elected by 40,000+ Berkeley students to represent the tech, data science, and social good communities on campus
- Primary liaison between students and campus officials by overseeing tech referendums and hosting events

**COMPUTER SCIENCE MENTORS (CSM)** | Data Structures Course Instructor

Sep '19 – Present

- Mentored a group of 5-6 Junior Mentors weekly by discussing pedagogy tips and technical content for the
- Taught groups of 4-5 students with the use of mini-lectures and problem-based worksheets

**GLOBAL LEADERSHIP ORGANIZATION CHAPTER** | Founder, President, Director

Oct '17 – May '19

- Created the Berkeley's first on-campus org that specializes in leadership training with 5 committees, 35+ members
- Led GLO's largest US-based Summit by increasing membership from 30+ to 100+ by partnering with 15+ student organizations, and managing 20+ students and working professionals from across the Bay Area
- Launched social media campaigns generating 30,000+ impressions and \$800 sponsorship from Google

## TECHNOLOGIES AND INTERESTS

Skills: Python, Java, SQL, R, Jupyter, NumPy, Pandas, Word, Powerpoint, Excel, SEO/SEM, Chinese (Fluent)

Interests: Lifting, podcasts, vanlife, food photography, Suits, Trader Joe's, financial literacy, interior design