Mindy Ng

mindyng88552@gmail.com | 510-508-2455 | San Francisco, CA | Portfolio

WORK EXPERIENCE

Apart Research   **Apr. 2025 - Present**

Independent Researcher   *San Francisco, CA - Remote*

- *Apart Research is an independent research organization focusing on AI safety.*
- Exploring technical AI Alignment in ethics using LLM evaluations and mechanistic interpretability.

Upwork   **Oct. 2022 - Present**

Freelancer   *San Francisco, CA - Remote*

- *Upwork is a global freelancing platform connecting businesses with independent professionals.*
- Applying Data Science and developing AI applications.

Mercari US   **Aug. 2021 - Oct. 2022**

Data Scientist | September 2022 - October 2022   *Palo Alto, CA - Remote*

- *Mercari US is a leading marketplace platform facilitating buying and selling among users.*
- Collaborated to build new search metrics table in Dataform for dashboards and experiments.
- Analyzed price elasticity across user segments using SQL and Python.
- Implemented A/B testing methodologies for user behavior analysis.

Business Intelligence Analyst | August 2021 - August 2022   *Palo Alto, CA - Remote*

- Engineered search RFM segmentation for personalized search.
- Investigated query chaining for enhanced search engine performance.
- Performed user journey analysis for optimizing platform touchpoints.
- Analyzed navigation vs. search activity to align UI with user intent.
- Constructed statistical significance framework for experimentation.

Forethought   **Jul. 2020 - Sep. 2020**

Implementation Engineer   *San Francisco, CA - Remote*

- * Forethought is a technology company specializing in customer support automation powered by AI.*
- Led technical requirements on Customer Success team.
- Designed AI training datasets for advanced models.
- Implemented NLP models to enhance customer support agents' workflow.
- Contributed to a significant cost savings with SPAM reduction.
- Completed data analysis contributing to >$400,000 deal with Instacart.

Immuno Concepts   **Jul. 2010 - Apr. 2019**

Quality Control Analyst   *Sacramento, CA - Onsite*

- *Immuno Concepts is focused on developing and manufacturing innovative diagnostic solutions for autoimmune diseases.*
- Built linear regression models for quality assessment.
- Tracked trends and outliers, providing manufacturing recommendations for device quality feedback.
- Created product performance reports, influencing key business investments.

University of California, Davis   **Jan. 2005 - Dec. 2008**

Research Associate   *Davis, CA - Onsite*

- *University of California, Davis is a public research university known for its strong commitment to education and innovation.*
- Conducted repeated experiments, exploring sigma70 subunit architecture leading to co-authored publication in Biochemistry (American Chemical Society), a peer-reviewed journal in the biochemical sciences.
- Applied research to narrow down protein chain substitutions in antibody-derived proteins for pre-targeting radioimmunotherapy.

EDUCATION

University of California, Davis   **2007**

BS, Genetics   *Davis, CA*

CERTIFICATIONS, SKILLS & INTERESTS

- **Certifications**: Data Science Bootcamp, 2017; AI Alignment Courses, 2025
- **Skills**: Defining success metrics (KPI, OKR); Data modeling; Data cleaning; Assertions and integrity checks; Business Intelligence visualizations; Descriptive and inferential statistics; Product analytics; A/B testing, Regression analysis; Customer/user analysis (LTV, churn rate, retention); Time series analysis; Machine learning techniques (NLP, LLM); LLM evaluations; Insight delivery; Cross-functional collaboration, Thought partner; Data tools: Snowflake, BigQuery, dbt, Dataform, Jupyter Notebooks, Looker, Tableau; SQL; Python; Customer empathy
- **Interests**: Human and machine cognition; Swimming; Ping pong