

Mindy Ng

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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.*
- Analyzed price elasticity across user segments using SQL and Python.
- Implemented A/B testing methodologies for user behavior analysis.
- Collaborated to build new search metrics table in Dataform for dashboards and experiments.

Business Intelligence Analyst | August 2021 - August 2022

Palo Alto, CA - Remote

- Constructed statistical significance framework for experimentation.
- 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.

Forethought

Jul. 2020 - Sep. 2020

Implementation Engineer

San Francisco, CA - Remote

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

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 second authorship 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