

# Mindy Ng

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## WORK EXPERIENCE

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### Apart Research

Jun. 2025 – Present

*Fellow*

San Francisco, CA - Remote

- \*Apart Research is an independent research organization focusing on AI Safety.\*
- Exploring AI Alignment in mental health use cases with LLM evaluations.

### Upwork

Oct. 2022 – Present

*Freelance Data Scientist*

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 | Sep. 2022 – Oct. 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 | Aug. 2021 – Aug. 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

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### University of California, Davis

2007

*BS, Genetics*

Davis, CA

## CERTIFICATIONS, SKILLS & INTERESTS

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- **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 cognitive neuroscience; Swimming; Ping pong