# Fiona **Ding**

Data Engineer

## **АВОИТ МЕ**

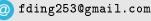
Data engineer with experience designing, implementing, and maintaining data pipelines to transform raw data into valuable insights.

# SKILLS

Python SQL ETL Data Warehousing Tableau C/C++ Java **LATEX** 

## HOBBIES

badminton hapkido rock climbing piano guitar





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# Work Experience

#### 2021-Present

#### Meta

Data Engineer · Menlo Park, CA 💡



- · Develop and maintain ETL processes for data assets used across the organization
- · Build dashboards for reporting and real-time monitoring, working closely with data scientists to understand analytics requirements
- · Improve health of system by setting up data quality alerts to ensure accuracy and consistency of data
- · Optimize pipelines for faster landing times and reduced compute

#### 2016-2021

#### Crossover Health

DATA SCIENTIST · San Clemente, CA 💡



- · Early member (second hire) of the Analytics team, which won the annual Big Wave award in 2016 for impact on the company
- · Built and maintained a data warehouse with ETL processes using SQL and Python scripts to transform data from sources such as API calls, claims data, internal sources, etc.
- · Set up automation of data pipelines using Luigi
- · Built reports and dashboards in Tableau tailored for the intended
- · Instituted many best-practice standards amongst team, e.g. version control, test suites

# 2015-2016

# County of Santa Clara - Social Services Agency

Associate Management Analyst · San Jose, CA 💡



- · Designed and created a complete database from scratch, used for tracking worker registrations and statuses
- · Created back-end of the database, which involved data cleaning, database design, and writing SQL queries
- · Implemented and tested front-end application using VBA, allowing user-friendly data-entry and querying

## 2009-2014

#### University of California, Davis

GRADUATE RESEARCHER/TEACHING ASSISTANT Davis, CA 💡



- Analyzed large data sets ( $\sim 10^8$  events), using ROOT and C++
- · Led lab and discussion sections of undergraduate physics courses

# **EDUCATION**

2021-ongoing **Computer Science** 

M.S. · Georgia Institute of Technology 🚊



M.S. · University of CA, Davis in



2009-2011

2005-2009

**Physics with Math minor** 

Part-time online program

B.S. · Carnegie Mellon University 🏛



