Fiona **Ding**

Data Engineer

АВОИТ МЕ

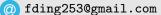
Data engineer with experience designing, implementing, and maintaining data pipelines to transform raw data into valuable insights.

SKILLS

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

Hobbies

badminton hapkido rock climbing piano guitar





fding253



fding253

Work Experience

2021-Present

Meta

Data Engineer · Menlo Park, CA 💡



- · Develop and maintain data assets used across the organization
- · Build dashboards for reporting and real-time monitoring
- · Improve health of system with data quality alerts, faster landing times, and reduced compute costs.

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 user
- · 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 💡



- · Studied the properties of the quark-gluon plasma formed in high energy heavy-ion collisions at the STAR detector at RHIC (Relativistic Heavy Ion Collider)
- 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 🏛



Part-time online program

2009-2011

Physics

M.S. · University of CA, Davis 🚊



2005-2009

Physics with Math minor

B.S. · Carnegie Mellon University in

