XIAODI DING

Data Analyst

INFO

PHONE

4083985930

EMAIL

xiaodidingv5@gmail.com

LINKS

LinkedIn

Github

SKILLS

JavaScript

TypeScript

Python

RESTful API Development

MongoDB

MySQL

AngularJS/2+

HTML5/CSS3

AWS/EC2

Git

EDUCATION

Coding Dojo   San Jose

Nov 2019 — Mar 2020

Apprentice Full Stack Engineer

Python Flask & Django, MySQL; Angular 8 (MEAN) Node.js, MongoDB,
Java Spring, MySQL

Bachelor of Science, University of California,   Santa Barbara
Santa Barbara

Sep 2013 — Apr 2017

Actuarial Science

Dean's List: two times Dean's Honor List

GPA: 3.6

EMPLOYMENT HISTORY

Data Engineer (Remote), IHDWA Inc.   Tokyo

Jun 2019 — May 2020

- Participated in designing and implementing internal database
  (MySQL) for EMR data.
- Design, build and integrate data from various resources; validate
  and audit big data.
- Maintained company website contents and updated new features
  used HTML5, CSS3 and JavaScript.

Data Analyst, mProbe Inc.   Palo Alto

Nov 2017 — May 2019

- Used XGBoost (R) to build classification models to report
  customers' health status by predicting the customers' risks of
  common chronic diseases.
- Applied regression models, such as Elastic net and LASSO, on
  experiment data extracted from customers' finger blood to
  predict important clinical parameters for customers used python
  Matplotlib libraries.

- Built websites for research scientists to generate experiment templates automatically used R GUI.

Data Analyst Intern, HBI Solutions Inc.
Palo Alto

Jul 2017 — Nov 2017

- Used random forest data mining method to participate Johnson & Johnson data prediction industry challenge.
- Assisted with feature mapping, selection and engineering; reduce feature dimension from over 40,000 to 400 using LASSO and Chi-Square test.
- Collected and preprocessed electronic medical records from database with T-SQL.

Summer Research Intern, Genencor International Inc. (subsidiary of Dupont)
Palo Alto

Jun 2014 — Sep 2014

- Designed daily experiments and collected experimental data.
- Used Microsoft excel to plot graph and analyze data for ELISA technique.
- Presented summer ELISA project to the whole company and uploaded experiment data and reports to company internal database.