Clark Chen

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Qualifications

- ❖ Programming
  - o Java, Python, Android/iOS, C, Object-Oriented C, Microprocessor programming knowledge, CSS/HTML/JavaScript, HCI UI/UX Design, Ruby on Rails
- ❖ Workday Software Engineering Internship
  - o Workday Usage Metrics for Financial Software, Hive Data Science project
  - o Data Visualization and Analysis with Tableau
- ❖ Product Management internship at Rebel Idealist
  - o In the news
  - o Restructured original features with iterative prototyping for mobile and web app, UML class design, QA with clients and users, worked with designers and developers
- ❖ Research Assistant
  - o Research on neurodust particles at the Swarm Lab under Prof. Michel Maharbiz.

Education

UC Berkeley   2013-2017

- ❖ Degree
  - o Electrical Engineering and Computer Science
- ❖ GPA: 3.3
- ❖ Relevant Coursework:
  - o Artificial Intelligence, Machine Learning, Advanced Algorithms, Statistics
  - o CS 61A, CS61B, CS61C, CS 70, EE40, EE20, Physics 7A, Physics 7B, Math 53/54
  - o HCI, Android, UI/UX Design, CS 186 (Databases), CS 169 (Software Engineering)

Experience

- ❖ Team Lead and Developer for CTMail, a Gmail client that abstracts Salesforce queries for NPO CollegeTrack.
- ❖ 2 Layer Perceptron classifier to do OCR for digit recognition
- ❖ Created a Relational Database Management System
- ❖ Performance Optimization of machine learning strategies using Parallel Computing
- ❖ Training Neural Networks for Image Classification, particularly to classify pictures of cats.
- ❖ Used MapReduce, Hadoop, and Spark with AWS to run classification software on big data.