

Clark Chen

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Github: <https://github.com/atclarkchen>

Website: <http://atclarkchen.github.io/>

Qualifications

- ▼ Programming
 - Java, Python, Android/iOS, C, Object-Oriented C, Microprocessor programming knowledge, CSS/HTML/JavaScript, HCI UI/UX Design, Ruby on Rails
- ▼ Workday Software Engineering for Financial Applications
 - Workday Usage Metrics for Financial Software, Hive Data Science project
 - Data Visualization and Analysis with Tableau
 - Procurement, Payment and Settlement Team
- ▼ Product Management internship at Rebel Idealist
 - [In the news](#)
 - 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
 - Research on neurodust particles at the Swarm Lab under Prof. Michel Maharbiz.

Education

UC Berkeley

2013-2017

- ▼ Degree
 - Electrical Engineering and Computer Science
- ▼ GPA: 3.3
- ▼ Relevant Coursework:
 - Artificial Intelligence, Machine Learning, Advanced Algorithms, Statistics
 - CS 61A, CS61B, CS61C, CS 70, EE40, EE20, CS189 (ML), CS 188 (AI), CS 186 (Databases)
 - 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. CNN from scratch.
- ▼ 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.