Christopher Le

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Skills

- Agile Project Management
- Scrum Master
- Data Visualization
- Web Development
- Database Management
- Event Planning
- Design Thinking

Programming

Git, Stash, Bitbucket

Mongo, SQL

Python, Numpy, Sklearn, Pandas

HTML,CSS, JS, Node

C

Java, Android Studio

Coursework

- Financial/Managerial Accounting
- Spreadsheet Modeling
- Negotiations
- Data Mining Analytics
- Artificial Intelligence
- User Interfaces
- Databases
- Machine Learning

Education

2013 - 2017 **BS, Business Administration** UC Berkeley

2013 - 2017 **BA, Computer Science** UC Berkeley

Experience

05/16 - 08/16 **Technical Product Manager Intern** Hotwire, Expedia
Built and shipped two customer-facing features and explored the viability of a completely new revenue stream through modeling, analytics, and customer labs.

06/15 - 12/17 **Undergraduate Student Instructor** UC Berkeley
Taught 6 sections, over four semesters, for CS61A: *The Structure and Interpretation of Computer Programs* at UC Berkeley, which teaches computer science through Python, Lisp, and SQL

06/14 - 10/15 **President** Consult Your Community
Led a pivot away from traditional student consulting towards design thinking consulting with focus on implementation for local Berkeley small businesses and facilitated 3 consulting engagements.

Research and Publications

ICML 2016 **Visualizing Online Learner Patterns** UC Berkeley
Leveraging the Keras neural network library to identify clusters of Khan Academy's online learners through an LSTM Recurrent Neural Network, t-SNE, and various visualization frameworks: http://icmlviz.github.io/assets/papers/21.pdf

LAS 2017 **Enabling Real-Time Adaptivity in MOOCs** UC Berkeley
Created an adaptive intervention in a MOOC utilizing real-time clickstream data and a machine learned model of behavior. Full stack development and integrated live web tracking, Mongo DB, Node server, and python threaded recommendation queue: http://dl.acm.org/citation.cfm?id=3051471

Projects

01/17 - 05/17 **Obstacle Avoidance Vehicle** Hardware Project
Worked in a team of four to create a fully automated obstacle avoidance vehicle utilizing an accelerometer, two ultrasonic sonar sensors, and a PSOC 4 microcontroller. Also built out a livestream gui in Flask Socketio, HTML, CSS, and JS.

06/15 - 03/16 **Riverene and Pym** Client Projects
Worked with a partner to design the user flow and organization of two responsive websites, with an easy-to-use admin portal backend

04/15 - 05/15 **Yelp Restaurant Inspection** UC Berkeley
Utilized Python, machine learning, and natural language processing on open-source Yelp data to determine the restaurants with the highest risk of health violations in the Washington DC area