

Christopher Le

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Programming

Git, Bitbucket

Mongo, SQL

Python, Numpy, Sklearn, Pandas

Angular, HTML,CSS, Node

C

Java, Android Studio

Skills

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

Coursework

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

Education

2013 - 2017	BS, Business Administration	UC Berkeley
2013 - 2017	BA, Computer Science	UC Berkeley
06/15 - 12/17	Undergraduate Student Instructor	UC Berkeley
Taught 6 discussion sections and 4 lab sections for CS61A: <i>The Structure and Interpretation of Computer Programs</i> at UC Berkeley, which teaches computer science through Python, Scheme, and SQL		

Experience

07/17 - Present	Lead Developer	CAHLR Lab, Berkeley
Collaborating with two undergraduate researchers in developing a course recommendation system that includes: Angular front end, Flask backend, MySQL DB, and Node Server: https://askoski.berkeley.edu		
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.		
06/14 - 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, while facilitating 3 client engagements.		

Research and Publications

ICML 2016	Visualizing Online Learner Patterns	UC Berkeley
Leveraged LSTM-RNN and visualizations like t-SNE to identify archtypes in Khan Academy's online learners: https://icmlviz.github.io/icmlviz2016/assets/papers/21.pdf		
LAS 2017	Enabling Real-Time Adaptivity in MOOCs	UC Berkeley
Created intervention for edX course using clickstream data and RNN model of behavior. Full stack: live tracking, MongoDB, Node server, multi-threaded recommendation queue: http://dl.acm.org/citation.cfm?id=3051471		

Projects

01/17 - 05/17	Obstacle Avoidance Vehicle	Hardware Project
Helped create a fully automated obstacle avoidance vehicle with accelerometer, ultrasonic sonar sensors, and PSOC4 microcontroller. Also built GUI in Flask Socketio, HTML, CSS, and JS.		
06/15 - 03/16	Riverene and Pym	Client Projects
Designed the user flow and organization of two responsive web-sites, with an easy-to-use admin portal backend		
04/15 - 05/15	Yelp Restaurant Inspection	UC Berkeley
Utilized ML and NLP on Yelp data to find restaurants with highest risk of health violations in Washington DC (supervised learning)		