

Scott Lee

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Education

University of California, Berkeley

Graduation: 2019

B.A., Computer Science; B.A., Statistics

GPA: 3.80

Coursework: The Structure and Interpretation of Computer Programs, Multivariable Calculus, Designing Information Devices and Systems I, Data Structures, Foundations of Data Science, Concepts of Probability

Work Experience

ASUC Office Of The CTO, BerkeleyTime (www.berkeleytime.com)

September 2016 - Present

Lead Frontend Engineer

- Developed new features for UC Berkeley's most popular course catalog with over 26,000 monthly users.
- Led small team of developers in designing and implementing a new schedule builder feature.
- Spearheaded UI/UX redesign and optimized website user workflow.

Berkeley Institute for Data Science (bids.berkeley.edu)

February 2017 - Present

Data Science Education Program, Curriculum Committee

- Developed data science curriculum for a gender studies research course at UC Berkeley (GWS 101).
- Created general data science curriculum that can be used across various fields using iPython.

Thing Control, Inc.

May 2016 - August 2016

Project Intern

- Created various projects applying prototype modular electronic components.
- Assisted in building product that revolutionized the manufacture and assembly of electronics.

TheCoderSchool (thecoderschool.com)

January 2016 - June 2016

Coder Coach

- Led group coding classes and semiprivate lessons in Scratch, Snap, Javascript, Python, and Java.
 - Improved existing curriculum for group classes and pioneered new set of course materials for individual lessons.
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Projects

Jesture (devpost.com/software/jesture-ver-ddoski)

- Worked on team of 4 at Cal Hacks 3.0 to build gesture application with Synaptics touchpad.
- Created backend API for Spotify, Slack, Facebook, and more, then linked to a sleek web UI.
- Built with HTML, CSS, Javascript, jQuery, Bootstrap, JSON, Python, C, and AppleScript.

Delta (deltacalc.herokuapp.com/demo)

- Online open-source calculus curriculum with textbook, supplemental videos, and other resources.
- Randomly generated practice problems, with immediate feedback, hints, detailed solutions.
- Created algorithm that learns which types of problems a student has trouble with and gives extra practice.
- Built with HTML, CSS, Javascript, jQuery, Bootstrap, and Ruby on Rails.

LoopFresh (loopfresh.herokuapp.com)

- Push/email notification tool for School Loop, a school portal for assignments and grades.
 - Sends students notifications and emails when teachers update new grades or assignments.
 - Flexible grades spreadsheet with additional tools for students.
 - Built with HTML, CSS, Javascript, Bootstrap, and PHP.
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Technical Skills

Programming: Python, Java, HTML5, CSS3, Less, Javascript, jQuery, Bootstrap, React, SQL, LaTeX

Design/Photography: Photoshop, Sketch, Keynote, Lightroom ([Flickr](#), [Instagram](#))