

Scott Lee

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Education

University of California, Berkeley

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

Graduation: 2019

GPA: 3.80

Coursework: The Structure and Interpretation of Computer Programs (A), Multivariable Calculus (A-), Designing Information Devices and Systems I (A-); Data Structures, Foundations of Data Science, Concepts of Probability (IP)

Work Experience

ASUC OFFICE OF THE CTO, BERKELEYTIME

WWW.BERKELEYTIME.COM/

Lead Frontend Engineer

September 2016 - Present

- 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 OF DATA SCIENCE

[HTTPS://BIDS.BERKELEY.EDU/](https://BIDS.BERKELEY.EDU/)

Data Science Education Program, Curriculum Committee

February 2017 - Present

- 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.

Project Intern

May 2016 - August 2016

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

THECODERSCHOOL

WWW.THECODERSCHOOL.COM

Coder Coach

January 2016 - June 2016

- 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.

Projects

JESTURE

[HTTPS://GOO.GL/OPYBRR](https://GOO.GL/OPYBRR)

- 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.

Technical Skills

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

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