

# Benjamin Gee

Software engineer and data analyst  
Berkeley, CA

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## Education

- **University of California, Berkeley** Berkeley, CA  
*B.S. Electrical Engineering and Computer Science* *Current*
  - Expected to graduate May 2018
  - 3.6 GPA

## Experience

- **Founder and Front End Developer, SmartNotes** Current
  - Founder and lead developer for startup creating interactive note-taking platform that uses machine learning to provide helpful links recommendations for students to learn more efficiently
  - Designed sleek, responsive and intuitive web application using AngularJS framework
- **Software Engineering Intern, Quorum Analytics** Summer 2016
  - Full stack engineering intern for startup developing easy to use tools to enable anyone to influence the legislative process
  - Implemented search functionality enabling users to quickly lookup bills, members of congress, and votes using Django and Tastypie backend and Coffescript and ReactJS frontend
  - Improved scalability and modularity of codebase by building a reusable ReactJS template for profile pages throughout the entire web application
- **Front End Developer, Berkeley Institute for Data Science (BIDS)** Current
  - Designed front end for CesiumML (<http://cesium.ml/>), a library for time series featurization and analysis
  - Built web platform with ReactJS and Flux to give non-expert users access to the library
- **Online Developer, The Daily Californian** Current
  - *UC Berkeley School Newspaper*
    - Generated interactive, responsive web pages and data visualizations viewed by over 3,000 students per week
    - Implemented web pages with dynamic content using WordPress and PHP
- **Research Assistant** Spring 2015- Spring 2016
  - *Project: Phenology of drought threatened small wetlands*
    - Implemented MATLAB algorithms to analyze image and satellite data of 5 drought threatened Sierra Nevada wetland sites
    - Optimized code to efficiently process over 100,000 phenocam images