

Daniel Gultom

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Education

UC Berkeley 2021 - Computer Science B.A. - GPA 3.76

Courses - **CS61A** (Programming/Python), **CS61B** (Data Structures/Java), **EE16A & EE16B** (Information Devices & Systems)

In Progress - **CS61C** (Machine Structures/C/RISC-V), **CS70** (Discrete Math), **Stats133** (Computing with Data/R)

Experience

Haas School of Business | Student Software Engineer | September 2018 - present

- Deliver custom software solutions for faculty and staff.
- Use MEAN stack for a course simulation web-app.

CooperVision | Front-End Web Developer Intern | June - August 2018

- Handle Drupal-based, LAMP stack, multilingual site
- Upload content using both WYSIWYG and code (HTML/CSS/JS).
- Implement functional testing to catch development and production stage bugs.

CS 61A | Lab Assistant / Academic Intern | January - May 2018

- Explain complex computer science concepts in creative ways and assist in debugging large projects.
- Guide students through challenging problems during lab/office hours.

Kumon Learning Center | Center Assistant | March 2016 - July 2017

- Tutor students of various ages in math/reading and maintain Google spreadsheet of student data.
- Demonstrate customer service by running front desk. Train new employees.

Projects

Personal Projects

- danielgultom.github.io - Personal static website. Used HTML/CSS/JS/jQuery. Still updating!
- Menu App - In progress. Based on Udacity's *Full Stack Foundations* course. Uses Flask framework.
- redditBot - Coded in Python and used Reddit's API to posts and comments with specific keywords.

Class Projects

- BearMaps - Implemented back-end server for web map with Java. Used map raster, graph algorithms/traversals.
- Scheme - Created the Scheme/LISP language interpreter in Python.

Skills

Languages: Java, Python, JS/jQuery, HTML, CSS, SQL, R

Tools/Technologies: Git, Bootstrap, Drupal7, Acquia, Jupyter Notebook

Currently learning: C, Angular, React, PHP, Flask, MEAN Stack, Photoshop/Illustrator/Lightroom