

# Daniel Gultom

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danielgultom.github.io

## Education

Contact me by email to get more info (phone, GPA, etc)

UC Berkeley '21 – Computer Science B.A.

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

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

## Experience

- **CooperVision | Front-End Web Developer Intern** | *Jun-Aug 2018*

Handle Drupal-based multilingual site. Upload content using both WYSIWYG and code (HTML/CSS/JS). Implement functional testing.

- **The Daily Californian | Web Developer** | *Aug 2018-present*

Customize/redesign parts of the website to improve user experience. Handle WordPress CMS and Linux-based virtual machine. Main languages PHP and SASS.

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

Guide students through problems during lab/office hours. Explain difficult computer science concepts in creative ways. Assist in debugging projects.

- **Kumon Learning Center | Center Assistant** | *Mar 2016-Jul 2017*

Tutor basic math & reading. Manage Google spreadsheet of student data. Demonstrate customer service by running front desk. Train new employees.

## Projects

### Class Projects

- **Planets** – Programmed solar system gravity simulation. Used Java StdDraw Library.
- **BearMaps** – Implemented back-end server for web map. Used map raster, graph algorithms/traversals.
- **Ants** – Programmed interactive tower defense game in Python. Exercise in object-oriented programming.
- **Scheme** – Created the Scheme/LISP language interpreter in Python.

### Personal Projects

- **Menu web app** – In progress. based on Udacity's *Full Stack Foundations* course. Flask.
- **danielgultom.github.io** – Personal static website. Used HTML/CSS/JS/jQuery. Still updating!
- **redditBot** – Made at CalHacks; responded to posts and comments with specific keywords. Reddit API.

## Skills

**Languages:** Java, Python, JS/JQuery, HTML, CSS, SQL, R

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

**Currently learning:** C, React, Node.js, PHP, Flask, MEAN Stack, Adobe Photoshop/Illustrator