Daniel Gultom

Education

UC Berkeley
Computer Science (B.A.)
c.o. 2021 - GPA 3.84
relevant coursework
- Intro to Programming (Python) – CS61A
- Data Structures – CS61B
- Designing Information Devices & Systems I & II- EE16A & EE16B
- Intro to Web Design – CS198

Skills

Programming
Java • Python • SQL
Front end
JavaScript • jQuery • HTML5 • CSS • Bootstrap
Other
Photoshop & Illustrator • Star Wars Trivia • MS Office Suite

Hobbies

Photography
(will soon be uploading to personal website)
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will soon be uploading to personal website

Projects

EnableTech *# February 2018-present, designing assistive tech*
KayakNav – programmed a navigation system for a blind kayaker. Developing blind-friendly mobile app to help client navigate through Strait of Bosporus, Turkey. Uses MarineTraffic API. student org, designing assistive technology

Class Projects *# CS61A & CS61B*
Ants – Programmed interactive tower defense game in Python. Exercise in object-oriented programming.
Scheme – Created the Scheme language interpreter in Python.
Planets – Programmed solar system gravity simulation. Used Java StdDraw Library
BearMaps – Implemented back-end server for web map. Used image rastering and graph algorithms/traversals.

Personal Projects *# for personal learning*
danielhamg.github.io – Self learned how to make a functioning website. Used js/jQuery. Still updating!
redditBot – my first personal out-of-class cs project. Made at CalHacks; basic program that responded to posts and comments with specific keywords

Work / Activities

CS61A Course Staff *# January 2018-present*
Lab Assistant – guide students work through problems during lab/office hours. Explain difficult computer science concepts in ways. Assist in debugging projects

Kumon *# March 2016-July 2017*
Center Assistant (March 2016-July 2017)
After-school tutoring center. Data entry for a points-based rewards system for students. Completely ran front desk on Saturdays, learned customer service through handling high volumes of students and parents. Trained several new employees since Summer 2017.

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Contact me by email for a phone number or address!