Thomas Clavelli
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Objective

Currently a Sophomore at Stanford University, studying computer science and looking for CS-related opportunities.

Education

STANFORD UNIVERSITY
2015-2019 Intended Major: Computer Science
Computer Science Classes:
-Programming Methodology (CS106A)
-Programming Abstractions, Accelerated (CS106X)
-Computer Systems and Architecture (CS107)

WOODLAND HIGH SCHOOL, WOODLAND, CA
2012-2015 Class Valedictorian (GPA 4.46)
-AP Physics 1- 5, AP Calculus BC- 5, AP Chemistry- 4, AP Spanish Language- 4, AP English Literature- 4
-SAT Score: 2380: Critical Reading 780, Writing 800, Math 800
-Started the Woodland High School Debate Club in 2014.
-Represented Woodland High School at the California Boys State in 2014.

- Experience

OFFICE ASSISTANT, STANFORD OFFICE OF GENERAL COUNSEL, 2016

- Worked around the office doing miscellaneous tasks as needed for the attorneys and legal assistants.

TEACHING ASSISTANT, WOODLAND SCHOOL DISTRICT, 2013-2015

- Worked as a TA for a summer math program for students in middle school and elementary school. I also created interactive lesson plans for students, helping them to learn new math concepts.

PRIVATE MATH TUTOR, 2011-2015

- Throughout high school, tutored high school students in geometry, algebra, pre-calculus, and calculus.

Projects

TRUMP OR FALSE IOS APP-2016
-Won second place with my team at GitHub's Open Source Hackathon for a game app called "Trump or False," written using iOS.

HEAP ALLOCATOR-2016
-Received bonus points in CS107 for above benchmark throughput and utilization (baseline: 65% utilization, 80% throughput as compared to standard allocator; my allocator: 79% utilization, 108% throughput.

Projects

RUBIK'S CUBE PROGRAM-2015
-Wrote a Java program that animated a rotatable 3D Rubik's Cube that also included my own built-in solver. This project earned an honorable mention in the CS106A Graphics Contest.

ELEVATOR PROGRAM-2013
-Wrote a program in Python for a mini-elevator that my teammates and I constructed. Won second place in the science fair.

Skills

-SKILLED IN THE LANGUAGES OF C, C++, JAVA, RUBY, SWIFT, PYTHON, AND HTML/CSS

Other Interests

RUBIK'S CUBE SPEEDSOLVING; PING PONG; SPANISH; RUNNING