

Ian Chang

[ichanger.github.io](https://github.com/ichanger)

(310) 890-2413

iac@berkeley.edu



Education

Santa Monica High School

Senior, 2014-2018

GPA: 4.0/4.0

Relevant Programs:

- 3D Printing and Design Club

Relevant Courses:

- AP Calculus AB
- AP Calculus BC
- AP Physics C: Mechanics

Santa Monica College

Dual Enrollment, 2015-2018

GPA: 4.0/4.0

Relevant Courses:

- C Programming
- Intro to Computer Science
- Visual Basic Programming
- Internet Programming



Skills

Programming Languages

Java – Advanced

Python – Proficient

C/C++ – Proficient

HTML/CSS – Proficient

PHP – Proficient

MySQL – Basic

JavaScript – Basic

Computer/Technology

Algorithms/Data Structures – Advanced

Android Studio – Proficient

Linux CLI – Proficient

Git/GitHub – Basic

Vim – Basic



Achievements

USA Computing Olympiad Platinum

USACO Gold, Silver – Perfect Scorer



Objective

Seeking a Technology developer position



Experience

UCLA NanoCAD Lab

Sept 2016 - Present

Researcher:

- Developed a Mac OS X port for an open-source memory benchmarking tool to extend program compatibility, used in Prof. Gupta's classes
- Published a data visualization website for an open-source memory benchmarking tool that allows users to upload, share, and compare their results online
- Developing a Verilog block hierarchy switcher
- Technologies used: C++, LAMP, HTML, JS, CSS, Python

Lyrnics

June 2016 – June 2018

Co-Founder, Chief Technology Officer:

- Co-founded a tech startup along with 4 other students
- Oversaw additional website developments made by other contributors and developers
- Created the website framework with HTML, CSS, and JS

Los Angeles Computing Circle

June 2017 – August 2017

Teaching Assistant:

- Mentored high-school students in learning advanced CS topics and projects with Python as part of a UCLA EE Faculty-hosted outreach program



Extracurriculars

3D Printing and Design Club:

- President and Founder
- 09/16-06/18

Business and Finance Club:

- Cryptocurrency Presenter
- 09/17-06/18

Android Application Developer:

- Published two apps on the Google Play Store
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