

Alvin Nguyen

✉ alvinonguyen00@gmail.com | ☎ (714) 924-5018 | 📍 Los Angeles, CA | 🌐 <https://github.com/AlvinoNguyen>

Education

University of California, Los Angeles

BS IN COMPUTER SCIENCE

GPA: 3.64

Los Angeles, CA

Aug 2018 – Jun 2022

Ocean View High School

CLASS OF 2018 VALEDICTORIAN

GPA: 4.83

Huntington Beach, CA

Aug 2014 – Jun 2018

Work Experience

International Collegiate Programming Contest

UCLA ICPC OFFICER

- Prepared and led workshop presentations teaching algorithm and data structure design
- Contributed coding problems and solutions to the ICPC problem bank and to programming contests
- Currently developing an online tutorial to teach behavioral and technical interview strategies

Los Angeles, CA

Nov 2019 – Present

Association for Computing Machinery

UCLA TEACHLA WEB DEVELOPER

- Boosted the performance of the online text editor by selectively importing Firebase components
- Implemented a configurable theme to the TeachLA static website by incorporating CSS variables
- Developed a class administrator page to help teachers organize online lectures and assignments

Los Angeles, CA

Sep 2019 – Jun 2020

Limbach

ENGINEERING INTERN

- Supervised multiple large-scale printing processes to ensure safety and efficiency
- Incorporated ideas of version control to organize and manage piping blueprints
- Reduced time spent manually editing Excel files using regular expressions

Seal Beach, CA

Jun 2017 – Aug 2017

Skills

Mathematics:

Data Structures, Algorithms, Number Theory

Programming Languages:

Python, Java, C / C++

Operating Systems:

Microsoft Windows, Unix

Full-Stack Web Development:

MongoDB, Express, Node, React

Projects

ACM Bruin Quest

A FULL-STACK ACM EVENT THAT CHALLENGES TEAMS OF FRESHMEN TO SOLVE A PUZZLES AND CODING CHALLENGES

MongoDB, Express, Node, React

In development in a private repository

VisualSort

A FRONT-END SORTING VISUALIZER MADE TO HELP STUDENTS UNDERSTAND VARIOUS SORTING ALGORITHMS

React, CSS

AlvinoNguyen/Visual-Sort

Random Quote Machine

A PERSONAL WEB PAGE USING FUNDAMENTAL WEB DEVELOPMENT TOOLS TO FETCH MOTIVATIONAL QUOTES

HTML, CSS, Javascript

AlvinoNguyen/Random-Quote-Machine

Battleship

A FUN, PLATFORM-INDEPENDENT GAME OF BATTLESHIP MADE TO PRACTICE OBJECT ORIENTED PROGRAMMING

Java, JDK

AlvinoNguyen/Java-Battleship

Awards

Jun 2019 **Dean's Honors List**, Awarded for a 3.7+ GPA with 15+ units during the Spring 2019 quarter

UCLA

Jun 2019 **UPE member recognition**, Completion of induction process including coding puzzles and tutoring

Upsilon Pi Epsilon

Apr 2019 **UPE member candidacy**, Eligibility of candidacy for being in the top 1/3 of the class

Upsilon Pi Epsilon