

Alvin Nguyen

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Education

University of California, Los Angeles

BS IN COMPUTER SCIENCE

GPA: 3.65

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 gave beginner workshop presentations teaching algorithm and data structure design
- Contributed technical problems and solutions to the ICPC problem bank and to programming contests
- Currently developing an online tutorial teaching advanced algorithm design

Los Angeles, CA

Nov 2019 – Present

Association for Computing Machinery

UCLA TEACHLA WEB DEVELOPER

- Applied Javascript, React, and Git knowledge into a professional software developing work environment
- Boosted IDE load time and performance by selectively importing Firebase components
- Currently developing a class page that helps teachers organize online lectures and assignments

Los Angeles, CA

Sep 2019 – Present

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 string parsing

Seal Beach, CA

Jun 2017 – Aug 2017

Skills

Front-End Development: HTML, CSS, JavaScript, Sass, React, Bootstrap

Proficient OS Knowledge: Process and Memory Management, Threads and Concurrency, File Systems

Miscellaneous: Git/Github, Markdown, LaTeX, Functional and Logical Programming

Back-End Development: Node.js, Express, PostgreSQL, MongoDB

Projects

Visual Sort

A VISUAL SORTING ALGORITHM VISUALIZER INTENDED FOR INTERMEDIATE CS STUDENTS

CSS, React

github.com/AlvinoNguyen/Visual-Sort

Random Quote Machine

A SIMPLE WEB PAGE THAT USES A WEB API TO DELIVER MOTIVATIONAL QUOTES

HTML, CSS, JavaScript

AlvinoNguyen/Random-Quote-Machine

Java Battleship

A FUN, COMMAND LINE BATTLESHIP GAME DEVELOPED TO PRACTICE OBJECT-ORIENTED PROGRAMMING

Java

AlvinoNguyen/Java-Battleship

Pomodoro Clock

A PRODUCTIVITY APP AIMED AT HELPING PEOPLE MANAGE WORK AND BREAK TIME

CSS, React

AlvinoNguyen/Pomodoro-Clock

Awards

Jun 2019 **Upsilon Pi Epsilon member recognition**, Completion of rigorous induction process

Upsilon Pi Epsilon

Jun 2019 **Dean's Honors List**, Awarded for a 3.5+ GPA with 15+ units during the Spring 2019 quarter

UCLA