

CHELSEY WANG

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EDUCATION

University of California, Los Angeles

B.S. Computer Science c/o 2022

GPA: 3.5

AWARDS

- National Merit Scholarship Finalist
- Northrop Grumman National Merit Scholarship
- UCLA Regents' Scholarship

EXPERIENCE

2019: Bruin Racing - Electric Vehicle Rebuild Team

- redesigned and assembled the electrical and powertrain system
- utilized soldering, composite structure fabrication, and wire crimping in assembly

2019: Regents' Scholar Society (RSS) at UCLA- Executive Board Member

- planned and organized multiple events for 200+ people; leading a committee to execute future events
- redesigning and maintaining website

2019: Pinstagrad Front End Developer (React)

- pinterest-inspired grad photo database catered to photographers; working in team of eight

2019: SWE Dev Team

PROJECTS

Kalah (C++)

- a version of mancala (board game) that utilized inheritance, data structures, and recursion

Decoder (C++)

- program that encodes and decodes messages; must be most efficient form under a time constraint
- utilized hash tables, vectors, linked lists

Regents Scholar Society Website (HTML, CSS)

- in progress; organizing and coding new website from scratch (james-y-yoon.github.io/rssite/)

COURSEWORK

completed

Computer Science 31 & 32 - Programming in C++

- object oriented programming, data structures, algorithms, sorting

Math - Multivariable Calculus, Linear Algebra, Differential Equations

Physics - Mechanics, Electricity and Magnetism, Waves, Oscillations, Optics

Digital Design - RTL Sequential and Combinatorial Logic

current

Computer Science 33

- computer architecture, operating systems, assembly language, parallel programming

Computer Science 35L - Software Construction Laboratory

- scripting, low-level construction, debugging, systems programming, cyber security

Discrete Mathematics

HOBBIES / INTERESTS

Figure Skating - LA Ice Theater Senior Team, 3x National Bronze Medalists ;

Solo Ice Dance 2017 Senior - 5th place Nationals

Piano - Certificate of Merit Level 10

LANGUAGES

Chinese - Mandarin - Fluent

Spanish - Intermediate
