

RAYMOND LIN

Github: [raymondlin1](#)

EDUCATION

University of California, Los Angeles

Academic Major: Computer Science, BS

Los Angeles, CA

Cumulative GPA: 3.3

South San Francisco High School

Cumulative GPA (Unweighted): 4.27 (3.98)

South San Francisco, CA

SUMMARY OF SKILLS

- *Computer Skills:* Linux, Bash, Git, XML, Coding in Java, C++, C
- *Relevant Coursework:* Introduction to Computer Science II - Data Structures and Algorithms, Introduction to Computer Organization, Software Construction Laboratory, Operating Systems
- *User Interface Design:* user need prioritization, wireframing (using Balsamiq), data visualization and transfer (using Tableau)

PROJECTS

Cracked

Mar 2018

Introduction to Computer Science II Project

UCLA

- Designed a program in C++ that finds possible decodings for a trivially encrypted message
- Implemented a translator class that contains a vector stack of mappings of characters
- Used stack and a recursive function that uses depth first search to find decodings

Nachenblaster

Feb 2018

Introduction to Computer Science II Project

UCLA

- Implemented a 2D Space-Invader style game in C++
- Designed header files that included classes for game objects and functions that define gameobject movements, collisions and behavior
- Implemented gameobject behavior by writing control statements inside an update function that is repeatedly called

PROFESSIONAL EXPERIENCE

Bayer LifeScience iHUB

Summer Design and Research Intern

Mountain View, CA

- Designed a mobile app's user interface for an application that collects patient data
- Graphed large quantities of patient data using Tableau, a data visualization program

LEADERSHIP AND ACTIVITIES

FIRST Tech Challenge Robotics Club

Founder, President, Lead Programmer

South San Francisco High School

- Chartered a robotics team, promoting STEM activities within the school and community
- Used MIT App Inventor, a snap-based programming interface, to implement robot movement, actions and behavior