ANDREW LE

8057 East Desert Pine Drive Anaheim, CA 92808 | andrewle19@gmail.com | 714-889-0977 | https://github.com/andrewle19

_____

EDUCATION

California State University, Fullerton   August 2014 - May 2018

Bachelor of Science, **Computer Science**   CS GPA: **3.5**

Contributing Coursework: Algorithm design and analysis, Implementation of data structures, Database creation and management

TECHNICAL SKILLS

- **Languages:**
  Expert: C++,Python
  Proficient: C,Java, Swift
  Prior Experience: C#, JavaScript, HTML, CSS, MySQL,
- **Operating Systems:** Windows, Mac OS, Linux

ACADEMIC/INDIVIDUAL PROJECTS

Compiler for C++ and Python - Language: C++
- Takes in special user-created language in the form of a text file parses through the file
- Converts file into executable C++ or python code

SpeedTris (Game)- Language: Swift
- A falling block game that focuses on speed similar to Tetris
- Used Spritekit to render graphical objects
- Currently over 100+ downloads on the App Store

Steganography - Language: Python
- Encodes/Decodes messages of n length inside an image's pixels' least significant bits

Sudoku Solution Checker – Language: C++
- Checks the validity of a 3x3 Sudoku board solution
- Uses multithreading to check each row/column concurrently

WORK EXPERIENCE

Biometric Research Team Member, California State University, Fullerton   February 2017 - Present
- Developed an android data collection tool for face, fingerprint, and ear recognition
- Worked with a team of seven consisting of students and professors to research, test, and develop machine-learning algorithms for biometric security

Supplemental Instruction Leader, California State University, Fullerton   August 2016 - February 2018
- Lead workshops to help new computer science students with college level computer science courses
- Presented and prepare materials for a class of twenty
- Students who attended workshops earned on average one letter grade higher than students that did not attend