

MATTHEW LEE

Riverside, CA

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EDUCATION

University of California, Riverside
Computer Science B.Sc.

Expected Graduation - June 2022

Relevant Classes:

2018-2019

Software Construction and Principles, Assembly Programming, Data Structures and Algorithms, Discrete Mathematics, First-Year Calculus, Physics

TECHNICAL STRENGTHS

Software C++, Java, Python

Tools Unity, Android Studio, ProPresenter 5, MATLAB

PROJECTS

Tabletop Arcade Machine

La Canada, CA

Personal Project

Aug 2019 - Aug 2019

- Worked with a team of 6 members and assisted with the designs and construction of the framework for the tabletop retro arcade machine
- Debugged the tabletop retro arcade machine utilizing Raspberry Pi 3
- Prepared record keeping documentation to update team members of ongoing progress and informed them on necessary instructions to use the Raspberry Pi

Guitar Tuner App

Riverside, CA

Personal Project

Oct 2019 - Present

- Utilizing the Fast Fourier Transform Algorithm in order to understand the inner-workings of its application towards sound systems
- Bolstering experience with Android Studio to cultivate mobile app development skills

VOLUNTEER EXPERIENCE

All Nations Church

Events Manager

Sunland, CA

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Sept 2012 - Aug 2018

- Organized and prepared weekly service ahead of time to maximize efficiency for service
- Distributed resources to inform members the church of future events
- Operated lighting, sound systems, and the presentation for weekly service to engage the audience

Childrens Bible Study Instructor

Sunland, CA

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Sept 2013 - Aug 2018

- Taught children from kindergarten to first grade to further their knowledge and understanding to boost cognitive skills
- Supervised students to maintain an entertaining and safe environment
- Interacted with children's parents, taking notes and catering to the students needs

Dance Club President

La Canada High School

La Canada, CA

September 2017 - May 2018

- Scheduled and logged meeting times for practices
- Reserved time slots for performances
- Performed at multiple institutions to spread Korean cultural awareness