JOHNNY NGUYEN

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EDUCATION

University of California, Los Angeles
Mechanical Engineering, B.S. (Expected June 2022)
GPA: 3.9/4.0
Activities: Bruin Racing, UCLA Esports

RELEVANT COURSEWORK

Introduction to CAD, Statics and Strength of Materials, Thermodynamics, Science of Engineering Materials, Multivariable Calculus, Differential Equations, Linear Algebra, Physics

PROJECTS

Music Transcription Device, *November 2019*
- ❖ Created a program in Python to transcribe piano music into sheet music using fourier transforms and spectrograms
- ❖ Performed analysis with a team to find potential shortcomings of our tool

3-D Printed Rubber Band Car, *November 2019*
- ❖ Designed a rubber band powered car from scratch in Solidworks
- ❖ Manufactured using 3-D printed ABS plastic
- ❖ Collaborated with a team to refine and optimize our design

WORK EXPERIENCE

UCLA Court of Sciences Student Center, *November 2018 – December 2019*
Food Service Worker (Work-Study)
- ❖ Take orders for, prepare, and serve food to customers
- ❖ Prepare coffee and espresso-based drinks for customers

LEADERSHIP

Science Field Day Coordinator, *September 2017 – May 2018*
Mark Keppel High School
- ❖ Planned science competition for hundreds of middle school students in the district
- ❖ Managed over 100 volunteers spread across over 20 different events
- ❖ Managed a large team of test creators and proctors

Treasurer, *May 2017 – May 2018*
Mark Keppel High School Academic Decathlon
- ❖ Fill out check requests, reimbursements, plan fund usage, and organize fundraisers
- ❖ Coordinate club events and facilitate board meetings

SKILLS

Microsoft Office
SolidWorks
Java
Python
C++