




# Tommy Nguyen

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Los Angeles, CA 

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## Education

**University of California, Los Angeles**, Mechanical Engineering, B.S.

September 2018 - Present (Expected June 2022), Los Angeles, CA

- **GPA:** 4.00/4.00
- **Relevant Coursework:** Intro to CAD, Statics, Dynamics, Fluid Mechanics, Intro to Engineering Thermodynamics, Transfer Phenomena, Intro to MATLAB

**Mark Keppel High School**, Diploma

August 2014 - June 2018, Alhambra, CA

- **GPA:** 4.38 Weighted

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## Projects

**Epidemic Modeling**, [Spring 2020](#)

- Created a deterministic extended-SEIR model and a stochastic SEIR-model for an epidemic using MATLAB.
- Analyzed the effects of lockdowns and preventative measures based on start time and strength.

**Solid Motor Rocket**, [Fall 2019](#)

- Worked with a small team to design, manufacture, and launch a rocket which successfully carried an egg to apogee and returned undamaged.
- 3D printed a detachable nose cone and shoulder designed using Solidworks.

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## Work Experience

**ASUCLA Ackerman Union**, Customer Service Representative

September 2018 - June 2019, Los Angeles, CA

- Rotated between different shops and restaurants, taking customer orders and preparing tea drinks quickly and accurately.
- Communicated efficiently with coworkers to solve any arising issues.

**Proyecto Pastoral**, Volunteer Mentor and Tutor

June 2017 - July 2017, Los Angeles, CA

- Worked with at-risk elementary and middle school students taking summer classes.
- Recognized students falling behind and tutored them one-on-one.

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## Skills

Microsoft Word, Microsoft Excel, Solidworks, Matlab, 3D Printing

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## Activities & Leadership

**Rocket Project**; UCLA : [2019 - Present](#)

**Math Club, Treasurer**; Mark Keppel HS -[2015 - 2018](#)

**United Sciences Club, Physics Committee Chair**; Mark Keppel HS [2015 - 2018](#)