

Jasmin Lim

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<https://github.com/jasminyl/Portfolio>

EDUCATION

The University of Texas at Austin May 2020

Bachelor of Science in Computational Engineering, Elements of Computing Certificate

- GPA: 3.77/4.00
- Use and apply engineering fundamental concepts to create computerized mathematical models that provide modeling and stimulation to solve engineering design problems.

ACADEMIC EXPERIENCE

Introduction to Scientific Programming Final Project Fall 2017

Stimulation of the Spread of an Infectious Disease

- Using C++, created a program that randomly infected an individual in a population and used concepts of probability to determine whether the infection was spread by simulating random interactions.
- Created visual representation using MATLAB color graphs based on scaled values outputted from the stimulation program.

Engineering Graphic and Design Semester Project Fall 2017

The Reverse Engineering of a Ratchet Pepper Grinder

- Deconstructed and analyzed the parts and sub-systems of a ratchet pepper grinder's mechanical system.
- Digitally reconstructed a 3D model of the product using SolidWorks.
- Presented a proposal that contained five suggestions for the product's improvement.

LEADERSHIP

The University of Texas Department of Aerospace Engineering May 2018-Present

Peer Academic Advisor

- Serve as a resource to provide advice about coursework and registration to students.
- Ambassador for the department by leading tours and information sessions for prospective students

Lifetime Fitness (Austin, TX) December 2015 - Present

Kids Activities Supervisor

- Providing an educational and engaging experience for members between the ages of 3 months to 11 years.
- Maintaining operations binder for bi-weekly corporate audits and help create a schedule with over 40 team members.
- Train team members in the facility's five core areas.

HONORS & ACTIVITIES

University Honors Fall 2016, Spring 2017, Fall 2017, Spring 2018

Member, Association of Computational Engineers Fall 2018 - Present

Member, Alpha Delta Pi Sorority Fall 2017 - Present

Member, University of Texas Gateway Scholars Program Fall 2016 - Present

Member, University of Texas Cheer (All-Girl Team) 2016-2017

SKILLS

Programs: MATLAB, Microsoft Office, Solidworks, Linux

Computer Languages: C++, Fortran, Python

CPR, AED & First Aid Certified: For infants, children and adults