ZELING LI

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College Station, TX

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| --- |
| SKILLS      SOFTWARE:   * Visual Studio/Visual Studio Code * Microsoft Office * MATLAB * Multisim * Solidworks * Solidworks   LANG UAGES:   * Python * C++ * JavaScript * HTML/CSS * Haskell * Java   OTHER SKILLS:   * Machine learning frameworks, such as TensorFlow and PyTorch * Git * Dynamics & Controls   Python data science libraries, such as NumPy, Sympy, SciPy, pandas, etc.   * Experience coding on a team * Can do remote work * Licensed Glider Pilot     TECHNICAL CLASSES  \*C UR RENT SC HO O L YEA R  ***CS:*** Intro to Computer Systems\*, Programming Studio\*,Intro to Program Design and Concepts, Discrete Structures for Computing, Data Structures and  Algorithms, Computer Organization,  Programming Languages    ***AERO:*** Aerospace Structural Analysis II\*, Aerospace Structural Analysis I,Intro to Flight, Aerospace Engineering Mechanics, Intro to Aerothermodynamics, Intro to Aerospace Mechanics of Materials, Intro to Aerospace Computation, Theoretical  Aerodynamics, Aerospace Dynamics, High  Speed Aerodynamics    ***Physics:*** Newtonian Mechanics, Electricity & Magnetism    ***Math:*** Principles of Statistics\*, Calculus I-III, Differential Equations, Linear Algebra    ***Lab Classes:*** Experimental Physics & Engineering  Lab I-II, Aerospace Engineering Lab |

# EDUCATION

**Texas A&M University – *B.S Computer Science + B.S. Aerospace Engineering***

*2018 – EXPECTED GRADUATION MAY 2023 GPA: 3.4*

* Dean’s Honor Roll (Fall 2018)
* Texas A&M Fencing Team (ongoing)

## Sir Winston Churchill High School – *International*

***Baccalaureate Diploma***

*2015 – 2018*

* Various activities and sports clubs including rugby, cross country, and physics club
* International Baccalaureate Diploma with a score of 31

# CERTIFICATIONS

## Google TensorFlow Developer Certificate

*JANUARY 2021*

• Passed Google’s TensorFlow Developer Certificate exam on my

first try on January 8th, 2021

# PROJECTS

**My Personal Website - *Developer***

* https://github.tamu.edu/zli2018/MyPersonalWebsitesite

## SOAR Engineering Design Team - *Programming Team*

***Lead***

* Led subteam in efforts to develop automated control laws for experimental thrust vectoring UAV
* Mapped control laws onto custom Pixhawk PX4 firmware

## U-Challenge Engineering Project – *Finalist*

* A competition through Texas A&M to create engineering solutions to improve the efficiency and sustainability of residence halls
* Utilized utility data, schematics, and walkthrough observations to develop cost-effective solutions to reduce cost and resource waste