

ANNA WEI

SKILLS

SolidWorks experience through designing parts for the Waterloo Rocketry Design Team.

Refined **AutoCAD** skills through development of laser-cut side projects, available on GrabCAD upon request.

Developed several mini-projects available on GitHub by coding in **Python**, **HTML**, and **CSS**.

Proficient in **Google SketchUp** and the **Microsoft Office Suite**.

Bilingual in **English** and **Mandarin Chinese**.

EDUCATION

University of Waterloo
Candidate for Bachelor of Applied Science

09.2018 – 06.2023

Mechanical Engineering, Honours,
Co-operative Program

Richmond Secondary School
Global Perspectives Class of 2018

09.2013 – 06.2018

Participant of self-funded humanitarian trip to Tonga. Raised over \$20 000 as a class to support cause.

AWARDS

Drafting and Design Level II
Academic Achievement Award 2016

Utilized AutoCAD and Google SketchUp to design buildings and create a fully rendered, animated walk-through.

Constructed intricate, fully furnished cardboard 3D model of a house project by hand.

CONTACT

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<https://annawei21.github.io/>

EXPERIENCE

Payload Structure Designer, Waterloo Rocketry Design Team

09-2018 – present

Designed and co-created brace component of CubeSat using SolidWorks by following design constraints and criteria to house experimental module.

Modelled assortment of screws for SolidWorks rocket payload assembly by following industry-standard dimensions and creating design table of configurations to allow easy access to alternate screw sizes.

Junior Instructor, Geering Up UBC Engineering & Science for Kids

07.2018 – 08.2018

Aided instruction of children aged 7-14 by promoting science and engineering topics through hands-on workshops while working with products and programs such as Adafruit and Scratch.

Customer Service, Steveston Pizza Company

08.2017 – 08.2018

Gained excellent communication skills by greeting customers and ensuring customer satisfaction.

Cultivated beyond-efficient work ethic by working in a fast-paced environment.

ACTIVITIES & INTERESTS

Ultimate Frisbee

03.2014 – 08.2018

Team Captain

Led team as a captain to the Canadian Ultimate Championships 2017 in Ottawa. Demonstrated leadership and perseverance, as well as ability to help team maintain a positive attitude and high morale.

Team Manager

Directed, organized, and oversaw several fundraisers. Working as a team, was able to fundraise over \$3 000.

Richmond Secondary Student Council

09.2017 – 06.2018

Grade 12 Representative

Collaborated with other leaders from each grade level and worked together to accomplish tasks such as organizing fundraisers, school spirit weeks, and events for the school community.

Richmond Secondary School Science Team

01.2018 – 06.2018

Competed at UBC Physics Olympics 2018. Collaborated with teammates to build and test a baking-soda and vinegar powered projectile launcher for the competition.

Awarded with Silver Medal in the Polarization Lab Activity