

# George Lin

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📍 Edmonton Alberta, Canada

## Education

**University of British Columbia, Bachelor of Applied Science**

2022 – 2027

- **Anticipated coursework:** Mechanics I, Introductory Physics for Engineers II
- **Completed coursework:** Introduction to Engineering I, Introduction to Computation in Engineering Design

## Experience

**UBC Uncrewed Aircraft Systems**

2022 – present

- **Wing Specifications:** Responsible for selecting airfoils and designing wings for new 2023 aircraft
- **Wing Analysis:** Ran analysis on wings using simulation XFLR5 and XFOIL to obtain lift values and moments generated by control surfaces
- **Wing CAD:** Used SOLIDWORKS to create production ready CAD of the aircraft wings
- **Landing gear CAD:** Designed and modeled CAD for the landing gear of an aircraft with a 14% weight reduction over previous iteration.

**Homes Way, Project management assistant**

2019 – Jul 2022

- Set project timelines to ensure that deadlines are met
- Made supply orders for materials both from local and international suppliers
- Increased warehouse capacity by 20% through re-organizing inventory

## Projects

**Single Axis Solar Tracker System**

- Arduino code for controlling tilt of solar tracking system
- Circuit diagram of components
- Signal processing of data obtained from the solar tracker

## Skills

- CAD (solidworks)
- C programming
- Arduino Code
- Laser Cutting
- Soldering