

# CHARLIE BOURGET

923 NW 64<sup>th</sup> Street, Seattle, WA · 206-724-8706

[Cbourget@seas.upenn.edu](mailto:Cbourget@seas.upenn.edu) · [www.linkedin.com/in/charlie-bourget](http://www.linkedin.com/in/charlie-bourget)

**Summary --** Enthusiastic engineering student with 2+ years of formal experience and a lifetime of tinkering. Experienced in prototyping and final production using 3D modeling as well as hands on manufacturing with a collaborative team. Always ready to take on new challenges and hit the ground running.

## EXPERIENCE

### ONE YEAR

#### **UNMANNED SYSTEMS ENGINEER, APPLEWHITE AERO**

Collaborated with a small team and individually to design, prototype, and manufacture large scale unmanned aerial systems.

### THREE YEARS

#### **OWNER / DRONE OPERATOR, AERIAL FILMING**

Worked as the drone and camera operator for my company Aerial Filming. Shot commercials, real estate promos and more in the greater Seattle area.

### 2017 SUMMER

#### **COMPOSITE TECHNICIAN, FIBERDYNE**

Manufactured carbon fiber boarding stairs for boats and small airplane cargo hatches.

## EDUCATION

### 2019-2023

#### **BS – MECHANICAL ENGINEERING, UNIVERSITY OF PENNSYLVANIA**

Currently enrolled in the School of Engineering and Applied Sciences. Member of the varsity lightweight rowing team. GPA – Expected 3.5 after Spring 2020

### 2019

#### **HIGH SCHOOL DIPLOMA, RAISBECK AVIATION HIGH SCHOOL**

Graduated with honors while participating in a STEM based curriculum. GPA – 3.83. ACT – 35

## SKILLS

- 3D Modeling – Inventor / Onshape
- Unmanned Systems
- Camera Operation
- Microsoft Office suite
- MATLAB
- CNC Machining
- Fiber-glassing / laying composites
- Drone pilot – Part 107 certified

