

Brooks Mershon

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EDUCATION

DUKE UNIVERSITY

BS IN COMPUTER SCIENCE

May 2016 | Durham, NC

Cum. GPA: 3.74 / 4.0

Duke Cycling Team Member

NEW YORK UNIVERSITY

WRITERS IN NEW YORK 2014

PENNSBURY HIGH SCHOOL

VALEDICTORIAN

June 2012 | Fairless Hills, PA

SKILLS

AVIATION

4034486CFI

Commercial Pilot (ASEL, GLIDER)

Flight Instructor (ASEL, GLIDER)

Instrument Airplane

FAA 1st Class Medical

Over 50 makes and models

EAA 1271516

IAC 440213

Hours:

TOTAL: 1377 • PIC: 1277

12-MONTHS: 486 • 90-DAYS: 111

ASEL (PIC): 787 • GLIDER (PIC): 490

TAILWHEEL: 559

CROSS COUNTRY (PIC): 251

INSTRUCTOR: 219

NIGHT (PIC): 57

SIMULATED INSTRUMENT: 49

ACTUAL INSTRUMENT: 1

MULTI: 5

PROGRAMMING

TypeScript • JavaScript • D3

Git • Make

HTML • CSS • \LaTeX

Familiar:

C++ • Python • Java • R • PostgreSQL

Emscripten

OTHER

Oshkosh Homebuilt camping 2018 and 2019 (Cozy MkIV, RV-6).

Flown myself to Reno Air Races to spectate 2018 and 2019 (RV-6).

EXPERIENCE

BOULDER PILOT, LLC | Co-OWNER AND PILOT

January 2020 - Present | Boulder, CO

- Aircraft ferry services and transition training with an emphasis on experimentals, biplanes, and other demanding tailwheel aircraft.
- Delivered 1944 L4 Grasshopper from Meadowlake, CO to Sequim, WA.
- Delivered open cockpit biplane Oakland, CA to Washington, Missouri.
- First flight of Experimental Ryan ST 95 percent scale replica, a new kit design. Contract test pilot providing design and flight consultation.

MILE HIGH GLIDING | MANAGER AND PILOT

January 2019 - Present | Boulder, CO

- Experienced commercial glider and tow pilot. Scenic glider rides, transition training, and primary flight instruction. Responsible for staff pilot training.
- Rebranding and implementing new marketing under new ownership.
- Organizing restoration of existing gliders and acquisition of new aircraft.
- Overhauling facilities and modernizing scheduling and billing practices.

TRIMBLE SKETCHUP | SOFTWARE DEVELOPER

July 2016 - January 2019 | Boulder, CO

- Worked on making SketchUp run in a web browser.
- 80 percent front-end work, 20 percent core geometry engine work.
- Won "Best Presentation" and "Best Overall Hack" at internal 2018 hackathon.

THE WASHINGTON POST | GRAPHICS INTERN

June 2015 - August 2015 | Washington, D.C.

- Designed graphics for print and online publication using Adobe Illustrator.
- Developed interactive graphics that were published online on subjects including baseball statistics, historical U.S. nuclear testing, and environmental conservation.

DUKE UNIVERSITY PRESS | BOOKS EDITORIAL INTERN

Jan 2015 - May 2015 | Durham, NC

VERSAL | SOFTWARE ENGINEERING INTERN

May 2013 - Aug 2013 | San Francisco, CA

- Developed simulations related to optics, epidemiology, image processing, and geometry as the company launched.

AIRCRAFT OWNERSHIP

1991 PITTS S1S | N262PD

July 2020 - Present

1974 CESSNA 150L | N11944

February 2020 - Present

1976 SKYBOLT 540 | N23JG

October 2019 - July 2020

1993 RV-6 | N134JB

August 2018 - October 2019