

Brooks Mershon

Last Updated on 14th December 2023

📞 720 933 1079 @ brooksmershon@gmail.com

Education

DUKE UNIVERSITY

BS IN COMPUTER SCIENCE

📅 May 2016 📍 Durham, NC

NEW YORK UNIVERSITY

WRITERS IN NEW YORK 2014

📅 Summer 2014 📍 City of New York

PENNSBURY HIGH SCHOOL

VALEDICTORIAN

📅 June 2012 📍 Fairless Hills, PA

Links

🔗 Website **personal website**

🔗 IAC Contest **results**

🔗 Logbook **flying data**

🔗 GitHub **bmershon**

Aviation

4034486CFI

Commercial Pilot (ASEL, GLIDER)

Flight Instructor (ASEL, GLIDER)

EAA 1271516

IAC 440213

HOURS

Total: 2300 • PIC: 2106

12-months: 214

ASEL (PIC): 1570 • Glider (PIC) : 528

Tailwheel: 1070+ • X-Country: 535

Instructor: 340

Activities:

Active competition aerobatic pilot

Own a 1993 Sukhoi SU-26M

75+ makes and models

EAA Flight Advisor

Founded EAA Chapter 1662

Skills

PROGRAMMING

TypeScript • JavaScript • D3

Git • Make • Web Assembly

HTML • CSS • LATEX

React • Python

Three.js • R • PostgreSQL

Specialties:

Data visualization

Interactive 2D and 3D graphics

Experience

STEALTH-MODE STARTUP

SOFTWARE DEVELOPER

📅 November 2023 – Present 📍 Remote

- Computer Aided Design software.

EARTHSCOPE CONSORTIUM (FORMERLY UNAVCO)

SOFTWARE ENGINEER III | VISUALIZATION

📅 April 2021 – Present 📍 Remote

- Rapid prototyping of frontend data discovery and visualization tools on Observable (notebooks) to support the geoscience community. NSF funded.
- Featured in Yahoo News and Observable customer success stories.
- Pedagogical tools related to seismology and GNSS aspects of geoscience.
- Interactive 2D and 3D graphics using D3, three.js, WebSockets.

TIMBER TIGER AIRCRAFT

TEST/DEMO PILOT (CONTRACTOR)

📅 November 2020 – July 2022 📍 Boulder, CO | Marion, NC

- Performed first flight on a new to market kitplane prototype, a Ryan ST replica 6 years in the making. On the cover of Kitplanes September 2021 issue.
- Conducted demo flights for prospective buyers at Shiflet Field.

BOULDER PILOT, LLC

OWNER AND PILOT

📅 March 2020 - February 2023 📍 Boulder, CO | Remote

- Started an aircraft ferry services and transition training LLC.

JOURNEYS AVIATION DBA MILE HIGH GLIDING

MANAGER AND PILOT

📅 January 2019 - April 2021 📍 Boulder, CO

- 1,200+ glider flight and 400+ commercial tows.
- Schweizer 2-33, 2-32, 1-34, Grob 103, PA-25, PA-18, 7ECA.
- Responsible for staff pilot training.
- Organized and programmed everything related to software, billing, and marketing with change of ownership.

SKETCHUP

SOFTWARE DEVELOPER

📅 July 2016 - January 2019 📍 Boulder, CO

- Bringing SketchUp Web to the EDU market, including integrating online file saving with Google Drive.
- Focused on improving the look, feel, and usability of the SketchUp Web user interface, specifically the search for Commands and Outliner.
- “Best Presentation” and “Best Overall Hack” internal 2018 hackathon.

THE WASHINGTON POST GRAPHICS INTERN

📅 June 2015 - August 2015 📍 Washington, D.C.

DUKE UNIVERSITY PRESS BOOKS EDITORIAL INTERN

📅 January 2015 - May 2015 📍 Durham, NC

VERSAL SOFTWARE ENGINEERING INTERN

📅 May 2013 - August 2013 📍 San Francisco, CA