Brooks Mershon

📞 720 933 1079 @ brooksmershon@gmail.com

Education

DUKE UNIVERSITY
BS in Computer Science
📅 May 2016 📍 Durham, NC
- Duke Cycling Team

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**
- 🔗 Logbook **flying data**
- GitHub **bmershon**
- 🔗 Observable **@earthscope**
- 🔗 Boulder Pilot **gallery**

Aviation

4034486CFI
Commercial Pilot (ASEL, GLIDER)
Flight Instructor (ASEL, GLIDER)
EAA 1271516
IAC 440213

HOURS
Total: 2134 • PIC: 2038
12-months: 304
ASEL (PIC): 1502 • Glider (PIC) : 528
Tailwheel: 967 • X-Country: 505
Instructor: 340

Activities:
Own Pitts S-1S
75+ makes and models
230+ airports
EAA Flight Advisor
IAC Intermediate Competitor
Founded EAA Chapter 1662

Skills

PROGRAMMING
TypeScript • JavaScript • D3
Git • Make
HTML • CSS • LATEX
C++ • Python •
Java • R • PostgreSQL
Software:
Observable Notebooks
DaVinci Resolve • Figma
Google Sheets

Experience

EARTHSCOPE CONSORTIUM (FORMERLY UNAVCO)
Software Engineer III | Visualization
📅 April 2021 – Present 📍 Remote
- Rapid prototyping of frontend data discovery and visualization tools on Observable.
- Featured in Yahoo News and Observable customer success stories.
- Pedagogical tools related to seismology and GNSS aspects of geoscience.
- Shake Alert earthquake early warning system design; research and development team.

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 - Present 📍 Boulder, CO | Remote
- Started an aircraft ferry services and transition training LLC with an emphasis on experimental aircraft, biplanes, and other demanding tailwheel aircraft.
- Produced custom logos and brand design for small aviation companies.

JOURNEYS AVIATION DBA MILE HIGH GLIDING
Manager and Chief 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