

Alek Broman

Duluth, MN – (218) 310-1633 – alek@polymods.com – [linkedin.com/in/alek-broman](https://www.linkedin.com/in/alek-broman)

Experience

F-16 Aerospace Propulsion Technician

148th Fighter Wing, Duluth, MN

Aug 2016 – Present

- Removes, installs, inspects, repairs, and modifies jet engines and engine modules.
- Plans, organizes, and directs aerospace propulsion maintenance activities.
- Solves maintenance problems by studying schematics and technical instructions.

Education

Bachelor of Science in Computer Science

University of Minnesota Duluth, Dean's List

Dec 2021

- Minor, Computer Engineering
- Minor, Mathematics

Fundamentals of Neuroscience

Harvard University, Three-course Series

Jan 2021

GE F110 Aerospace Propulsion Technical Training

United States Air Force, Wichita Falls, TX

Jul 2017

Basic Military Training

United States Air Force, San Antonio, TX

Apr 2017

Skills

Languages – C++, Java, Python, HTML, CSS, MJML, G-code, R, MIPS

Software – Git, Unreal Engine, Fusion 360, Cura, Selenium WebDriver, Photoshop

Decorations

Air Force
2017

- Basic Military Training Honor Award: Placed Top 5 of 1200 Trainees
- Certificate of Achievement: Most Outstanding Airmen of 200 Trainees, 323 TRS
- Certificate of Achievement: Top Graduate of 50 Trainees, Flight 253
- Small Arms Expert Marksmanship Award
- Thunderbolt Fitness Excellence Award

Languages

English – Native proficiency

Swedish – Limited working proficiency

Project

Sunsabers – sunsabers.com

Designed and manufactured advanced lightsaber components that deliver leading-edge functionality and durability to their wielder, while maintaining challenging, precision tolerances.

github.com/polymods

Fun fact: I can effectively fight with two lightsabers, one in each hand!