

Matthew Malekhedayat

Aerospace BS Degree, Cal Poly

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[Projects Portfolio](#)

[LinkedIn Profile](#)

OS Experience

Linux
Windows
Android

Programming

MATLAB / Simulink
Python
C
STK
LaTeX

Skill Set

Soldering & Assembly
Machine Learning
Communication
Writing

Aerospace Engineer

I have equal fascination in both hardware and software engineering. And along with my technical inclinations, I am a team player who works very well with others. My excellent communication and interpersonal abilities have enabled me to function in leadership roles throughout my education and professional experiences. It is my joy of working with people *and* technology that sets me apart.

Education

2015 **B.S. Aerospace/Astronautical Engineering** Cal Poly, San Luis Obispo, CA
Multiple Dean's List awards and advanced coursework.
Major GPA: 3.2

Experience

2014 – 2015 **Lead Spacecraft Engineer** Undergraduate Senior Design Project
Industry-inspired project and experiences. Organized system-level trade studies. High-level management of engineering subsystem teams. Customer collaboration.

2014 – 2015 **Chief Information Officer (CIO)** CP Interdisciplinary Satellite Engineering Project
Aided in the real-world assembly of a Boeing 376 satellite. Organized and tracked inventory. Determined component alternatives when necessary. Gathered component kits to facilitate smooth assembly during group meetings.

1st Place Team Member Undergraduate Aerospace Glider Competition
Designed and built original 4-foot glider, complete with remote control capabilities. Achieved 1st place through simple and effective design choices, an on-the-fly design adaptation, and careful construction.

Work Experience

2015 – 2016 **Co-Manager / Barista** Barefoot Coffee Roasters
Accountable for costs, payroll, and inventory. Developed better processes for product creation and facility management. Performed interviews and trained new hires. Resolved customer service matters.

2014 **Technician & Salesman** Pedego Electric Bicycles
Technician responsibilities include bike maintenance, assembly, troubleshooting, and repairs. Sales responsibilities include customer engagement, customer needs evaluation, and transactions.