

Matthew Malekhedayat

Aerospace BS Degree, Cal Poly

matthewmalek@gmail.com

408 · 839 · 9904

[Projects Portfolio](#)

[LinkedIn Profile](#)

OS Experience

Linux (SuSE)
Windows
Android

Programming

MATLAB / Simulink
Python
C
STK
LaTeX

Skill Set

Soldering & Assembly
Machine Learning
Communication
Writing

Aerospace Engineer

My fascination with both hardware and software has informed my education and my hobbies, shaping me into the engineer I am today. But equally as important as the technology are the people behind it. I am team-focused and work great with others. My excellent communication and interpersonal abilities have enabled to be function in leadership roles throughout my education. 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.