






ERIC MAGLIO

AERONAUTICAL ENGINEER








PROFILE

Aerospace enthusiast with over seven years of experience in the unmanned systems industry. Specialized in rapid prototyping, design-for-manufacturing, and flight testing. Effective leader of high-performance technical and engineering teams.

CONTACT

-  San Diego, CA
-  ericmaglio@cox.net
-  www.ericmaglio.com

SKILLS

- Problem Solving 
- Design for Manufacturing 
- Team Leadership 
- CAD / SolidWorks 
- CNC / 3D Printing 
- Eagle PCB 
- Learning New Skills 

EDUCATION

B.S. AERONAUTICAL ENGINEERING / 2010 – 2014
Purdue University - West Lafayette, IN

EXPERIENCE

SENIOR HARDWARE ENGINEER / Nov 2022 – Present
Qualcomm - San Diego, CA

- Prototyping and demonstrating new drone & robotics projects
- Enabling a rich compute & connectivity hardware ecosystem for OEMs
- Expanding the utility of 5G wireless technology in robotics applications

LEAD ENGINEER, UNMANNED SYSTEMS / Aug 2019 – Nov 2022
Hitec Commercial Solutions - San Diego, CA

- Defined the overall development roadmap for all UAS products
- Directed a multidisciplinary team of hardware and software engineers
- Conducted design, prototyping, and test of fixed wing and multirotor vehicles
- Incorporated CNC milling, injection molding, and additive manufacturing

CHIEF TECHNOLOGY OFFICER / May 2015 – Aug 2019 (acquired by Hitec)
Straight Up Imaging - San Diego, CA

- Designed, produced, and marketed commercial grade multirotor UAS
- Integrated custom controls, systems, and payloads for bespoke needs
- Provided engineering services to commercial & government entities

CONCEPT DEVELOPMENT ENGINEER / Jun 2014 – Aug 2016
Northrop Grumman - San Diego, CA

- Prototyped concepts for disruptive & innovative technologies
- Created automated conceptual design tools to speed development
- Integrated autonomous control systems into air, surface, and maritime vehicles

CERTIFICATIONS

PART 107 REMOTE PILOT / Jun 2019
PRIVATE PILOT / Aug 2010