

Max Wolf

14220 N Honey Bee Trl
Oro Valley, AZ 85755
+1 (520) 528-0477
mwolf2@cognify.com

3D Modelling and Simulation

- AutoCAD
- Fusion 360
- Autodesk Inventor
- Autodesk Flow Design
- Autodesk Eagle
- Blender

Programming

- C++
- C#
- HTML5
- Python

Business Experience

- Self Employed
 - Freelance 3D Printing/Modelling
 - Arduino sales
 - UAV design & construction

Education and Certifications

- AP 1&2 Physics
- AP Calculus AB
- Statistics and Probability
- Engineering 102
 - College engineering course which is a prerequisite for many later engineering classes
- Mandarin
- RF Fundamentals, Basic Concepts and Components
- Introduction to Modulation in Communication Systems
- RF System Design of Receivers, Transmitters, and Tranceivers
- RF Design Theory and Principles

AWARDS

National Junior Honor Society (NJHS)

National Honor Society (NHS)

LANGUAGES

汉语 (Mandarin)

English

Projects

- Fixed Wing Survey Drone Design & Construction
 - A VTOL survey drone that monitors 140 miles of fence line with thermal and HD video
- Atmospheric Data Collection Rocket
 - 5.5 foot tall rocket that flies to over 10,000 feet to collect atmospheric data
- Hobby UAV construction
- Amateur radio
- RF systems design and construction