

Max Wolf

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Business Experience

- Assembly Technician at Alicat Scientific (6/23-08/2023)
 - Assembled mass flow and pressure controllers. Gained significant experience working with electronics, specifically soldering and post-processing of completed products. Fastest person to complete training with the highest quality soldering certification test.
- Security/IT at Newton Consulting and Engineering (05/23-08/23)
 - Designed and installed a comprehensive, 14-camera wired security system for a fraternity at the University of Arizona
- Product Flow Specialist at Best Buy (03/23-08/2023)
 - Warehouse and sales floor inventory as well as other general logistics tasks. Cross-trained in sales.
- Helper at MacInnis Plumbing (01/01/2023 - 01/27/2023)
 - A temporary labor position in which I assisted with various plumbing jobs, including hand-digging water line trenches, installing household fixtures, and fixing leaks
- Data Entry at BASIS.ed (04/2022 - 07/2022)
- Software Developer at the [Revs Institute](#) (9/2021 - 06/15/2022)
 - Researched ways to apply deep learning to library cataloging tasks and built data entry software
- Intern at [NinePointTwo Capital](#) (7/2020 - 12/2021)
 - Researched novel trading factors using deep learning and alternative data to find new ways of increasing return on investment in a futures trading portfolio
- Dishwasher at Olive Garden (04/2021 - 08/2021)
- Machinist
 - Freelance work done for Bring Abundance and Letterpress Finesse in which I made various large and small parts for a vintage printing press for producing custom stationery using a mill and lathe
- Drone Photographer (05/2020-07/2020)
 - Rocking CCs Ranch
- Ranch Hand (06/2020-07/2020)
 - Rocking CCs Ranch
 - Landscaping, office work

Education and Certifications

Arizona State University

- Currently majoring in computer and neuroscience

BASIS Oro Valley High School (8/2018 - 05/2022)

Certifications

- Private pilot license
- FCC General class amateur radio license

Skills

Programming

- Python, C++, C#

Machining

- Manual mills and lathes
- 3 axis CNC mills and routers
 - Mach 4 machine control software

CAD/CAM

- Fusion 360 (CAD and CAM), AutoCAD, OpenSCAD, Autodesk EAGLE (CAD and CAM)

Amazon Web Services, Google Cloud

Google Suite

Microsoft Excel

Awards

National Honor Society (NHS)

National Junior Honor Society (NJHS)

Engineering Student of the Year 2019-2020

AP Scholar with Distinction

Test Scores

SAT: 1440

Languages

English

汉语 (Mandarin)

Extracurriculars

NHS Volunteering

- 25 hours teaching 1st through 5th grade robotics class (FIRST Robotics)
- 5+ hours volunteering at local horse ranch

NJHS Volunteering

- 24 hours teaching 1st through 5th grade robotics class (FIRST Robotics)

Engineering Society Vice President

Projects

- [Electric bike conversion](#)
- [Atmospheric Data Collection Rocket](#)
- System for Kinematic Data Collection and Analysis of the AR-15 and M4's Firing Action