

# Michael Welch

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## EDUCATION

**University of Oregon, Eugene, OR** | *Bachelor of Science: Computer Science* | 2017 - 2021

## EXPERIENCE

**BestBuy** | *Advanced Repair Agent* | October 2021 - Present

- Providing end-users with troubleshooting, repair, and support services for Windows and Mac
- Learned and utilize internal tools to expedite the repair process
- Assemble, maintain, and repair system hardware
- Trained and certified in Apple iPhone Repair via Apple's ATLAS training
- Communicate effectively with my team to ensure repairs are done on time and completely

**maiData** | *Software Engineering Intern* | June 2020 - August 2020

- Worked on pseudonymizing and cataloging DICOM images for use as training data for AI
- Wrote software to parse, process, and catalog DICOM images with PyDICOM
- Gathered testing data from public PACS (Picture Archiving and Communication System) and created local PACS using Dicoogle and Orthanc
- Setup Intel NUC systems to be deployed on site to interface with hospital PACS

**Mountain View Los Altos School District** | *IT Administration Assistant* | June 2016 - Aug 2018

- Cataloged, updated, and fixed over 2000 Chromebooks
- Responsible for resolving technical issues with printers, desktops, laptops, projectors, network connectivity, etc.
- Set up workstations for new faculty members
- Communicated with 100+ faculty members to troubleshoot and provide support and equipment

**Autonomous Plane** | Summer 2019

- Organized and helped lead a group of enthusiasts to design and build an autonomous plane for delivering sodas to each other's houses with minimal human interaction (imagine Amazon Prime Air but way worse)
- Currently finishing the assembly of the custom 3d printed parts of the plane and the software to fly it

## SKILLS

**Languages** | C (3 years), C++ (2 years), Java (4 years), Python (3 years), C# (1 year), SQL (1 year)

**Web** | HTML (3 years), CSS (3 years), JavaScript (2 years)

**Technical** | Linux (2 years), Unity (1 year), Git (3 years)

## ACCOMPLISHMENTS

Earned the rank of Eagle Scout in Troop 31, Los Altos CA in 2017