

Calvin Joseph Sullivan

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EDUCATION

CREATIVE AND PERFORMING ARTS HIGH SCHOOL | SOUND ENGINEERING AND SET BUILDING
Pittsburgh, PA

PA CYBER | HS INFORMATION TECHNOLOGY

Midland, PA

CAREER EXPERIENCE

OUSTER/RED OAK TECHNOLOGIES | PROTOTYPE MANUFACTURING TECHNICIAN San Francisco, CA |
November 2019 – March 2020

- Assisted in building documentation for the companies next generation LiDAR technology.
- Ran QA test for NPI Lens optics, with high powered LiDAR
- Organized and assembled NPI parts and lens, to be used in assembly of LiDAR units
- Assembly required use of hand tools, software test verification and soldering jumper wire.

SENNHEISER USA R&D/KELLY SERVICES | PCBA REWORK AND TEST TECHNICIAN San Francisco, CA |
March 2019 – September 2019

- Assisted with the prototyping of a controller for a piece of multi-channel audio equipment.
- Troubleshooted and reworked pcba unit to new revisions.
- Wired together power supply and audio output/input wire-harness, in some cases plugged in to direct power as well as using various sized batteries for testing
- Assembly of small battery packs, individual cells wired together to spec, and connected for pcba testing.
- Soldered down to 0402 and made multiple jumpers that ranged in size but smallest was 30 gauge
- Testing included, running signal generator, multi-meter, oscilloscope, use of hand tools, soldering station, JTAG tool and write software

DOXEL.AI | LiDAR ROVER TEST TECHNICIAN Redwood City, CA | November 2018 – August 2019

- Followed company procedure in building multiple versions of a LiDAR equipped rover
- Built, constructed and tracked data on rover as the procedure or hardware changed.
- Ran and logged real world test scenario, with different LiDAR vendor, battery capacities and slam data variables
- Built service manual for building, maintaining and using the LiDAR equipped rover with company software

WERX PARTS | PACIFIC NORTH WEST TECHNICAL TRAINER San Francisco, CA | July 2017 – July 2019

- Organized and taught hands-on technical training, from basic display assembly repair to diagnosing and repairing a short on a logic board.
- Helped drive sales of repair seminars to smaller mom and pop stores in my region, as well as directing and supporting over 250 stores for our big box clients
- Soldered down to 0402, taught how to revive no power iPhones and MacBook logic boards, as well as changing diodes and capacitors for display issues
- Taught importance of safety in working with lithium ion batteries

CLICKAWAY PHONE & COMPUTER REPAIR | LEAD SF TECH San Francisco, CA | May 2016 – July 2017

- Broke store repair sales records, increased stores profit 35%

PHONEKARMA | HEAD OF REFURBISHMENT San Jose, CA | September 2015 – May 2016

- Designed, sourced tools, and implemented upgrades to a previous low scale refurb to high turnover, to having a small team of techs to surface mount repair

- Learned how to operate a CNC and sourced the materials for the easier removal of critical surface mounted parts to iPhone Logic Boards
- Sourced specialized tools for the bulk charging and revival of drained batteries

RADIOSHACK | NORTHERN CALIFORNIA TECHNICAL TRAINER San Francisco, CA | January 2014 – April 2015

- Organized and lead technical training's for failed retail electronics chain, directed over 50 stores in region.

MOBILE KANGAROO | STORE MANAGER San Francisco, CA | March 2011 – December 2013

- Managed busy retail repair service store.
- Learned the most from this job, and took pride in my work, I still to this day I have glowing reviews on their yelp page fetured

BLAZING SADDLES | BIKE MECHANIC San Francisco, CA | June 2010 – March 2015

- Performed repairs on a large fleet of bikes of all types to OEM standards.

PERFORMANCE BIKES | BIKE MECHANIC Pittsburgh, PA | August 2008 – June 2010

- Performed maintenance and repaired customer bikes, from hydraulic brakes to installing new cable sets, to manufacture standards.

CARNEGIE LIBRARY OF PITTSBURGH | LIBRARY PAGE Pittsburgh, PA | August 2006 – July 2008

- Assisting customers with placing holds, finding what people need, and checking books out. Always did my best to be the friendly teenage librarian.

PROFESSIONAL SKILLS

SURFACE MOUNT SOLDERING DOWN TO 0402

WIRE HARNESS BUILDING AND DIAGNOSTICS

CAR AND MOTORCYCLE BUILDING

PROCESS DESIGN

GOOGLE SHEETS

KNOWLEDGE OF ELECTRONIC SCHISMATICS

TRAINING AND TRAINING MATERIAL DEVELOPMENT

MOLEX WIRING

ELECTRONIC TROUBLESHOOTING