

Evan Vander Stoep

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Milwaukie, OR

To acquire a position in the field of radio communications to further my career, implement my innovative ideas and creative mind towards the area of specialization.

Paid Experience

Farm Hand

NCSD - Land Lab & Sabin Forestry | Jun. 2021 - Present

- Kept logs on animal health, medications administered, mating crayon marks, grain feed/hay amounts, fodder production
- Handled 6+ species of animals
- Installed fencings and hung gates
- Repaired/maintained equipment (Electrical and small engine)
- Operated blowers, string trimmers, pressure washers, chainsaw
- Operated tractors, utility vehicles, skidsteers, pallet forks, front loaders

Community Service Experience

Radio Communications Engineer

Amateur Radio Relay Group | Nov. 2018 - Present

- Computer simulated antenna tower coverages
- Abided by Motorola R56 Communications site standards
- Assembled/Installed/Maintained Analog/Digital Duplex repeaters
- Assembled, diagnosed, repaired, PCBs involving SMD and THT components
- Operated/trained others how to use RF/Electrical service equipment
- Identified hazards, followed OSHA workplace/FCC safety guidelines
- EMF Awareness, RF MPE, Identifying Hazards, PPE & Fall Arrest Systems

Webmaster (<https://arrg.org/>)

Amateur Radio Relay Group | 2019 - Dec. 2022

- Wrote HTML/CSS/PHP/SQL in Notepad++
- Proficient with Filezilla FTP
- Executed a complete redesign of the site
- Familiar with Bootstrap
- Logged revisions and changes
- Managed email server
- Managed SSL Certificates and DNS Records
- Familiar with SmarterASP.net

Technical Skills

- General Repair
- 120v/240v circuits, Low voltage systems, PLCs, control panels/control circuits
- Installing/bending EMT conduit and electrical boxes
- Conventional/addressable fire alarm systems (Notifier, FireLite, Silent Knight)
- Tuning antennas, duplexers, diplexers, filters, combiners
- Programming digital and conventional radios (Motorola)
- Installing mobile radios
- Taking SWR readings and checking impedance matches
- Operating RF service equipment (Trained on the Agilent 8935 CDMA Series and Motorola R2001D)
- Calculating feedlines losses and generating simulated antenna coverage plots (RadioMobile WEB)
- Broadcast Camera Operation (Blackmagic)
- Networking, SSH, DHCP, assigning static IPs & manual network setup
- Live sound mixing
- Heavy machinery/Outdoor equipment operation
- Website development HTML/CSS/SQL/FTP
- Computer programming Python/PHP/SQL
- PLC ladder logic programming
- Learning Autodesk Eagle, Fusion360 & AutoCAD

Board Member

Amateur Radio Relay Group | 2020 - Present

- Employed parliamentary procedure during meetings
- Provides bi-monthly reports on website status (2020 - Dec. 2022)
- Provides technical insight during meetings

FFA Officer

North Clackamas FFA Chapter | Dec. 2021 - Jun. 2023

- Held 2 offices in 2 years (Historian/Treasurer)
- Participated in Leadership Development Events
- Learned valuable leadership and communication skills
- Budgeted and managed finances
- Learned and employed parliamentary procedure during meetings
- Attended the 2022 National Convention in Indianapolis

Camera Operator

Oregon FFA Association | Mar. 2022 & Mar. 2023

- Operated Black Magic Ursa Series equipment
- Operated shoulder, backpack rig and stand/tripod
- Communicated clearly, efficiently, and quickly over intercom
- Showed up early and stayed late for setup/takedown

Stage Technician - Sound/Lighting Engineer

Milwaukie High School | Apr. 2022 - Present

- Operated Allen & Heath SQ series consoles
- Mixed 25+ channels live simultaneously
- Operated/Setup Sennheiser G4 and Pyle wireless mic systems
- Operated ETC Element lighting console
- Proficient with operating/navigating ETC EOS software
- Setup/Troubleshooted DMX fixtures
- Familiar with Strand's legacy CD80 Supervisor dimmer system
- Trained peers how to operate equipment
- Wrote manuals and thoroughly documented changes to systems

EDUCATION

- **Milwaukie High School**
2019 - 2023
 - Theater Tech (2022 - 2023)
 - Amateur Radio Club (2019 - 2020)
- **Sabin-Schellenberg Professional Technical Center (SSC)**
2019 - 2023
 - Agricultural Science (2019 - 2023)
 - Electronics (2021 - 2022)
 - Japanese (2022 - 2023)

Professional Skills

- Analytic Skills
- Leadership skills
- Communication skills
- Problem-solver
- Quick learner
- Ability to teach/mentor

AWARDS

- **Agricultural Mechanics Repair and Maintenance Proficiency**
North Clackamas FFA (2022)
- **Public Service Through Technology Young HAM Award**
ARRG.inc (2019)

CERTIFICATIONS

- **YQCA Training**
North Clackamas FFA (2022)
- **LOTO (Lockout Tagout)**
ARRG (2018)

INTERESTS

- Amateur Radio
- 3D Printing
- Life Safety Equipment
- Air Raid Sirens
- Fire Alarms
- Simulator Games
- Camping
- Boating/Water Sports