

EDWARD VON SCHONDORF

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Dedicated controls technician with over 12 years of experience excelling in fast paced, dynamic, team-oriented environments. An expert at troubleshooting, maintaining, and repairing mission-critical air traffic control radar systems and production critical automated storage systems. Determined, motivated, and prepared to meet any challenge placed before me and always willing to learn new techniques, systems, and skills to further enhance my abilities.

WORK EXPERIENCE

AUTOMATION CONTROLS TECHNICIAN IV

Tesla Motors Inc. | Fremont, CA

Sep 2020 – Present

- Actively pursued and completed various complex projects from engineering at every opportunity.
- Utilized multiple PLC programs to be able to troubleshoot, make modifications, and add functionality to existing equipment for better monitoring capabilities which led to faster recovery times when a system malfunctioned.
- The go-to technician for any critical system that had a major fault or was down for long periods of time.
- Proficient in delivering comprehensive training to team members on complex systems and electronics, ensuring their mastery in operating and maintaining automated equipment.

EQUIPMENT MAINTENANCE TECHNICIAN II

Tesla Motors Inc. | Fremont, CA

Oct 2019 – Sep 2020

- Troubleshoot, diagnosed, and corrected hundreds of faults for the most critical automated storage systems in the Production Control department.
- Learned the intricacies of multiple systems with no prior knowledge to become a subject matter expert whenever major or minor issues occurred.
- Collaborated with engineering to commission new equipment to increase storage capacity by more than 10% to support a new production line.
- Monitored and analyzed recurring problems with various equipment to find solutions to increase system stability and productivity.

ELECTRONICS TECHNICIAN

United States Navy | Japan & San Diego, CA

Dec 2010 – Oct 2018

- Consistently scored up to 90% on over a dozen ship-wide certifications and inspections due to the accomplishment of 11,295 maintenance checks totaling 12,337 man-hours by myself and 12 personnel under my supervision.
- Maintained 3 radars and corrected over 25 major and minor faults as the lead air traffic control radar technician which contributed to 3,584 landings, 3,064 flight hours, over 500 radar approaches, and 52,284 lbs. worth of air dropped supplies with zero mishaps.
- Significantly increased calibration readiness of all 455 electronic test equipment units onboard the ship from 83% to 97% for four quarters which exceeded the rest of the fleet's average of 79%.
- Aggressively and thoroughly trained 47 personnel from the basics of troubleshooting, system casualty response, electrical safety, and working aloft.

WORK EXPERIENCE *(cont.)*

FRONT-END WEBSITE DEVELOPER

Freelance | Atlanta, GA

Jun 2005 – Dec 2010

- Designed, developed, and maintained several small business and school websites using HTML, CSS, and Photoshop.
- Created web content for various promotional advertisements such as ad banners and individual web pages on major company websites.

SKILLS & SOFTWARE PROFICIENCIES

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|-----------------------------|-------------------------------|---------------------------------|
| ▪ Microsoft PowerPoint | ▪ PLC Troubleshooting | ▪ Rockwell Studio 5000 |
| ▪ Microsoft Excel | ▪ Electronics Troubleshooting | ▪ Siemens Step7 |
| ▪ Microsoft Word | ▪ Electro-Mechanical Systems | ▪ Codesys |
| ▪ Root Cause Analysis | ▪ Preventative Maintenance | ▪ Movitools Motion Studio |
| ▪ Electronic Test Equipment | ▪ Python | ▪ Siemens TIA Portal |
| ▪ Ignition | ▪ SynQ | ▪ Sick SOPAS |
| ▪ Siemens Starter | ▪ Galil Tools | ▪ Prosoft RadioLinux IH Browser |

EDUCATION & TRAINING

FULL STACK FLEX CODING BOOTCAMP

University of California, Berkley | Online

Apr 2023 – Oct 2023

- Full stack web development course designed to teach the most in-demand technologies for front-end to back-end development such as JavaScript, MySQL, HTML, CSS, and more.

E AND M TIA SOFTWARE DEVELOPMENT COURSE

E and M | Fremont, CA

Dec 2022 – Dec 2022

- Two-part instructor-led, hands-on course using TIA Portal software to integrate PLC, HMI, and Variable Frequency Drive (VFD) controls as well as learning how to program in Ladder Logic, Function Block Diagrams, Sequential Function Charts, and Structured Text.

MILITARY TRAINING

United States Navy | United States

Dec 2010 – Apr 2016

- Recruit Training (Bootcamp)
- Electronics Technician Apprentice Technical Training
- Electronics Technician (ET) "A" School
- Air Traffic Control RADAR Beacon Identification Friend of Foe MK XII System Maintenance
- Interrogator System AN/UPX-29(v) Maintenance Training
- Single Channel Ground and Airbourne Radio System AN/SRC-54 Combined Maintenance
- Aircraft Instrument Landing System AN/SPN-41 Maintenance
- Air Traffic Control Radar System AN/SPN-43C Maintenance
- Aircraft Precision Approach Landing System AN/SPN-35C Radar Maintenance

HIGH SCHOOL DIPLOMA

Norcross High School | Norcross, GA

Aug 2001 - May 2005