

725 W Division Ave, Hermiston OR – (510) 872-2149 – schuldt91@gmail.com

EDUCATION

- US Navy Nuclear Power School
- Thomas Edison State University – B.S. Nuclear Energy Engineering Technology

SKILLS

- Elec & Mech O&M
- Mission Critical Ops
- Motors/VFD/Control
- Technical Writing
- ML/Gen AI/Python
- Harness schematics
- System Diagnostics
- NDT, TS & Test eqpt.
- Project mgmt/Cx

EXPERIENCE

Amazon Web Services – Lead Data Center Operations – Boardman, OR (55 hrs/wk) **2/24 - Present**

- 40 MW critical facility operations technical lead, responsible for daily operations, PM, equipment installs upgrades, and redundancy operational testing.
- Technical writing, vendor management, scheduling, automating and optimizing work processes.
- Server racks, UPS, switchgear, controls, fire systems, air handlers, VFDs, industrial water supply, diesel generators, building automation, SPCC and environmental

Pioneer Mushrooms, LLC – Business Owner – Hermiston, OR (20hrs/wk) **1/24 – Present**

- Built a gourmet mushroom production facility and scaled to 100 lb. fresh mushrooms per week, supplying leading local restaurants and returning client base. <https://pioneermushrooms.com>
- Developed production schedules and SOPs for quality and consistency in controlled environments with live cultures and food safety compliance.
- Automated environmental and sterilization equipment integration and maintenance.

Bloom Energy – Field Service Regional Lead – San Jose, CA (50 hrs/wk) **11/20 – 11/24**

- Serviced 480V solid oxide fuel cells and related VFDs, inverters, PSU, BESS, motors and controllers.
- Led commissioning for 8 microgrid sites totaling 108MW, powering mission critical facilities such as Equinix, Merck, and NASA.
- Implemented commissioning best practices and continuous improvement training plans.
- Dispatched 5 technicians daily to service over 100 sites, prioritizing SLA and power impact.
- Fleet vehicle and inventory management, 24/7 on-call.

Student and International Travel – Political Science – Asia & *City College of San Francisco* **5/17 – 5/19**

U.S. Navy – Nuclear Electrical Operator, USS Carl Vinson (CVN70), San Diego, CA (60hrs/wk) **3/11 – 3/17**

- NDT Program Manager – Thermography, vibration analysis, and cross-department team mgmt.
- Operations & Maintenance – 120V – 4160V switchgear power generation equipment and controls.
- Supply Chain – Divisional inventory management, budgeting, distribution, and vendor outreach.

ADDITIONAL

- Proficient in Mandarin
- AWS Certified Cloud Practitioner
- DIY
- Fitness enthusiast