

Electrical Troubleshooting



Digital Logic



C/C++



System Verilog HDL



System Verilog Verification



Power Conversion & AC

Motor Drive



Simulation Software



PROFILE

Having more than ten years of experience in all aspects of the HVAC/R industry translates into a highly varied skill set that affords me great fluidity and intuition across many fields.

Coupled with my great analytical and problem-solving skills, people skills, and customer service approach, my work experience, learning experiences, and overall diverse life experience would make me a great addition to any engineering firm. I will bring enthusiasm, innovation, and creativity to your team of engineers.

CONTACT

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AARON VAUGHAN

Electrical Engineer

EDUCATION

Chemeketa Community College

January 2015 – September 2019

Associate's of Computer Science

Maintained a 3.9 GPA. Awarded for my many academic achievements such as Dean's list and President's list.

Oregon State University

January 2019 – June 2021

Bachelor of Science, Electrical and Computer Engineering

Summa Cum Laude distinction with 3.9 GPA

Recognized by Tao Beta Pi as a nominee Junior and Senior year

WORK EXPERIENCE

International Paper Co. – Reliability Engineer Intern

June 2020 – September 2020

Orchestrate improvement and maintenance projects to be completed by outside contractors. Collaborate with department leads to facilitate employee trainings. Perform cost benefit analysis and assemble proposals for plant site improvements.

Chemeketa Community College -- Tutor

July 2015–October 2017

Work with GED students to prepare them for their subject-specific exams.

Technicraft Heating -- Lead HVAC/R Service Technician

2000–2011

My main task was troubleshooting and diagnosing electrical and refrigeration systems relating to heating and cooling equipment. I was frequently involved in install and fabrication, job site coordination, commercial sales, and estimating.

SKILLS

- My greatest assets are my creativity and problem-solving ability.
- Power Electronics and Electric Vehicles
- Hardware design/test and PCB layout
- System Verilog HDL and Verification
- Simulation software (SPICE, Simulink, ModelSim... etc)