

Kathleen Xiong

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OBJECTIVE To obtain a position that will challenge my skills and experience; providing opportunities for growth and advancement.

EXPERIENCE **Sylvan Learning Center Tutoring/SAT Prep Teacher**
Salem, OR *10/2020 - Present*

- Support one on one with students between kindergarten to high school. Teach, guide, and grade students on the subjects of Math and Reading. Analyze progress of students.
- Prepare high school students for the SATs by teaching and grading mock SAT exams.

ResiSTORE. – Student Volunteer
Corvallis, OR *01/2019 – 03/2020*

- Served and provided assistance to other students with electrical circuit components
- Organized and Managed the student store

EDUCATION **Oregon State University** **GPA: 3.23**
09/2019 – Present, graduating in Spring of 2021
Bachelor of Science: Electrical and Computer Engineering

Chemeketa Community College **GPA: 3.5**
09/2017 - 06/2019
Transfer credits: Completed general course for transfer to OSU

Courses: Signals and Systems 1&2, Electronics 1&2, Digital Logic Design, Data Structures, Analog and Digital Communication, Intro to Computer Networks, Transmission lines, Electronic Materials and Devices and Computer Organization & Assembly Language Programming.

PROJECTS Design, developed, and fabricated the following projects at OSU: Digital Clock, FPGA Nintendo Entertainment System (NES) controller simulation, Persistence of Vision (POV) Wand, Audio Visualizer, Sumo Robot, and currently Bird Deterrence Method

For further detail on these projects, please refer to this link:
<https://eecs.oregonstate.edu/project-showcase/profile/?id=rjZWgxYwWbXm9FSd>

SKILLS Computer Programing

- Proficient in Computer Programing Languages C and C++

Hardware Programing

- Intel's Field Programmable Gate Array (FPGA), SystemsVerilog, Quartus Prime, LTSpice, Modelsim

Laboratory

- Excellent at working with Soldering, Oscilloscope, and other electrical testing equipment

Communication

- Excels in organization, teamwork, customer service, and conflict management

REFERENCES

Shannon Howell, Director of Education
Sylvan Learning Center
4555 Liberty Rd S #180
Salem, OR 97302
(971) 701 - 2696

Brandilyn Coker, Instructor
Oregon State University
1148 Kelley Engineering Center
Corvallis, OR 97331
(541) 414 - 4434

Ingrid Udd Scheel, Project Instructor EECS
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Timothy Xiong, Electrical Engineer
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