

Yuxin Sun

971-997-3763 sunyux@oregonstate.edu <https://sunyux.github.io/yuxin/>

EDUCATION

Oregon State University, Corvallis, Oregon

Sep 2023 – Now

Master of Engineering in Computer Science

Portland State University, Portland, Oregon

Sep 2019 – Mar 2023

Bachelor of Science in Computer Science

GPA:3.55

Minor of Mathematic

Key courses:

Software Engineering, Principles of Programming Languages, Database Management Systems, Full-stack Web Development, Applied Statistics, Deep Learning and Machine Learning.

WORK EXPERIENCE

Oregon State University Global Opportunities

Jul 2024 – Now

Peer Advisor

- Advised students on OSU GO programs and connected them with resources.
- Responded to inquiries from students, parents, and the OSU community.
- Built and maintained the website on Drupal and created course content on Canvas.

Oregon Research & Teaching Security Operations Center

Jan 2024 – Mar 2024

Volunteer

- Monitored and investigated suspicious logs and alerts, updating tickets with detailed analysis.
- Assessed ORTSOC supplies, developed Suricata rules files, and proposed exceptions to reduce false positives.
- Played an active role in penetration testing, setting up Nessus, interpreting results, and compiling high-level reports independently.

Portland Institute Nanjing Teaching and Learning Center

Oct 2022 – Apr 2023

Tutor

- Tutored students from civil engineering and electrical engineering with their technical writing and English grammar learning.

RECENT PROJECTS

Profile Page

Dec 2022 - Feb 2023

- Developed a personal profile page using React, Three.js, and Tailwind CSS.
- Display my skills and experience in front-end web development. The page features a unique 3D design.

Meme Generate

Nov 2022 - Dec 2022

- Developed a Meme Generator application using React, Docker, and Google Cloud.

Available Aid

Jul 2022 - Dec 2022

- Developed a full-stack web application for homeless people to find shelters in Portland.
- Used Figma to render and design the front-end page under Laravel and Node.js.
- Loaded the image with Docker and ran it as a containerized application.

Supervised and Unsupervised Deep Learning

Apr 2022 - Jun 2022

- Built NN, VGG16, Resnet50 and LeNet5 and ran it via Google Colab.
- Trained the model with 3000 images and compared results using evaluation metrics.

Boba Tea Database

Nov 2021 - Sep 2022

- Implemented stability, reliability, and performance by optimizing in-application SQL statements and designed user-focused databases.
- Obtained data from multiple tables to analyze Boba Store using SQL queries.

SKILLS

Language: Mandarin (Native), English (Fluent)

Programming Languages: C++, Java, Python, JavaScript, TypeScript, HTML/CSS, SQL, R, PHP

Tools: MySQL, Docker, React, Laravel, Git, Node.js, Pytorch, Figma, MongoDB, Google Cloud, ThreeJS, Tailwind CSS