

Colin Pannikkat

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Experience

Supplemental Instruction Leader / Oregon State University | May 2023 – Present

- ❖ Leading 5, 50-minute study tables of 5-10 students per week, implementing best practices of collaborative learning, and synthesizing relevant course content based on course lectures.
- ❖ Collaborating regularly with course faculty and other SI Leaders about my observations in SI.

EECS Project Assistant / Oregon State University | November 2022 – Present

- ❖ Contributing to meaningful research on security and privacy issues in machine learning under Asst. Prof. Sanghyun Hong in the Secure AI Systems Lab (SAIL).
- ❖ Investigating and uncovering latent vulnerabilities within machine learning CV and NLP systems.
- ❖ Currently co-authoring publication along with two other students in SAIL.

Education

B.S. Computer Science and Minor in Environmental Economics / Oregon State University

- ❖ GPA: 3.92 | Expected Graduation 2026
- ❖ Relevant coursework: Discrete Mathematics, Vector Calculus I, Linear Algebra, Statistics, Computation and Algorithmic Thinking, Intro to CS II, Data Structures, Computer Arch & Assem Language, Analysis of Algorithms

Projects

AI-Powered Short-Form Video Content Generator / Beaver Hacks Spring '23 Hackathon | May 2023

- ❖ Led a team of three students to secure second place in a competitive Hackathon.
- ❖ Developed a tool using Python libraries such as PyTubex, Praw, MoviePy, and OpenAI's API to automatically generate captivating short-form video content.

Extracurriculars

President, Skate Club | June 2023 – Present

- ❖ Directing club activities, organizing initiatives to promote skateboarding within the community and bring rec skating back to campus at OSU.
- ❖ Conducting weekly meetings, writing announcements, and organizing events. Setting goals for events, fundraising, and membership size, managing the officer committee, and delegating tasks.

Co-President, Economics Club | March 2023 – Present

- ❖ Spearheading engaging discussions and activities, fostering an environment of economic exploration throughout various weekly topics. Increased average club attendance by 40%.

Skills

Python, C/C++, R, PyTorch, OpenCV, NumPy, Transformers, Computer Vision, Natural Language Processing, Linux, MacOS, Windows, Git, Deep Learning

Awards

Secured 2nd Place in OSU's Spring '23 Hackathon | 2023

URSA Engage Recipient for Undergraduate Research | 2022