Tristan E. Goehring

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EDUCATION

Oregon State University · **Corvallis, Oregon**
Honors B.S. in Computer Science · *September 2024 - June 2028*

- **Concentrations:** Computer Systems Option
- **GPA:** 4.00/4.00, *Honor Roll*
- **Related Coursework:** ENGR 100/102, MTH 251 (Differential Calculus), MTH 252 (Integral Calculus)

West Linn High School
Rank: · **West Linn, Oregon**
September 2020- June 2024

- **Weighted GPA: Unweighted:**
- **Related Coursework:** AP Computer Science A, Intro to Python I/II, AP Computer Science Principles, AP Statistics, AP Calculus AB

EXPERIENCE

Portfolio Website (Ongoing Project) · **Corvallis, Oregon**
Personal Project · *December 2024 – Present*

- Developed a personal portfolio website to showcase my future projects and contact information, utilizing HTML, CSS, JavaScript, and Blender for 3D content.
- Integrated animations and visual elements using GSAP for smooth scrolling and dynamic frame-based content display.
- Continuously refining the website by adding new projects and improving the overall aesthetic.

Online Learning · **Corvallis, Oregon**
Coding through FreeCodeCamp · *September 2024 – Present*

- Engaged in self-paced courses to build a strong foundation in web development concepts.
- Learned and applied HTML, CSS, and JavaScript by creating interactive websites**.**

Summer Of Steam · **West Linn, Oregon**
Camp Leader · *Aug 2023*

- Led groups of elementary school students in hands-on coding activities, teaching basic Python fundamentals.
- Assisted in creating a positive and supportive learning environment to ensure all students felt encouraged and motivated to explore STEM.

PROJECTS

Python Calculator · **West Linn, Oregon**
Personal Project · *December 2024*

- Developed a Python-based calculator with an interactive GUI using CustomTkinter, providing a user-friendly tool for performing mathematical computations.
- Implemented core arithmetic functions alongside advanced features such as trigonometric functions and a quadratic equation solver allowing an increase in efficiency when studying for my calculus tests.

ACTIVITIES AND LEADERSHIP

Application Development Club · **Corvallis, Oregon**
Secretary · *Jan 2025 – Present*

- Assisted in planning and organizing club projects related to application development.
- Facilitated brainstorming sessions and collaborative efforts on software development tasks, leading to the creation of a new beginner-friendly project this term.

Association of Computing Machinery (ACM) · **Corvallis, Oregon**
Member · *Aug 2019 – Current*

- Engaged in networking and professional development opportunities to expand understanding of the computer science field.

SKILLS

Programming: Java, Python, JavaScript, HTML/CSS
Tools: VS Code, IntelliJ, PyCharm, Git, Custom TKinter, Blender