

# Tyler Stanford

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## Professional Summary

Driven computer science student with a passion for both software engineering and web development. Experienced in HTML, CSS, and collaborative project workflows, alongside a strong academic foundation in algorithms, data structures, and object-oriented programming (Python, Java). Quick to learn new technologies and eager to contribute to team projects. Seeking an internship where I can sharpen development skills and deliver impactful, user-friendly solutions.

## Skills

- Programming languages: Python, Java, HTML/CSS
- Tools: Git, GitHub, VS Code
- Concepts: Object-Oriented Programming, Data Structures, Algorithms
- Operating Systems: Windows, Linux
- Web Development: Basic front-end development with HTML and CSS
- Problem Solving: Debugging, troubleshooting, and adapting to new tools quickly
- Communication: Effective written and verbal communication skills
- Teamwork: Experience collaborating on group projects and working in diverse teams
- Time Management: Balancing academic workload with personal projects and extracurricular activities

## Education

Colorado State University – Fort Collins, CO

Bachelor of Science in Computer Science, Expected May 2028

## Projects (Website URL: [tylerstanford.me](https://tylerstanford.me). Link at the top)

- My personal website (HTML/CSS): Designed and developed a personal website from scratch using HTML and CSS to showcase academic background, skills, and projects.
- Morse Code Translator (Python): Developed a script that converts English sentences into Morse code and outputs them using a buzzer.
- Collision Detection System (Python): Created scripts utilizing infrared and analog sensors to detect and respond to collisions in real time.

## Certifications

PCEP - Certified Entry-Level Python Programmer Python Institute, 2024