

# Dylan Ernst

Portfolio: [dylanernst.site](https://dylanernst.site)

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## Education

Undergraduate: Chapman University, Orange  
Major: Computer Science  
Expected Graduation: Fall 2026  
GPA (current): 3.367

## Work Experience

TRSTxCyber Software Engineering Intern May 2025 - Present

- Built the company website from scratch.
- Developed domain, email, and password scanner using multiple security APIs
- Configured Microsoft 365 services including SharePoint, Exchange, and Teams.
- Managed Global Admin tasks: provisioning, permissions, and security policies.

Music Teacher's Association of California Piano Teacher June 2021 - Present

- Create accessible and inclusive music education opportunities
- Designed individualized lesson plans for beginner to advanced piano students

## Projects

Security Scanner Fall 2025

- Built a security tool using APIs to scan domains, emails, and passwords.
- Designed to flag compromised credentials and security risks in real time.
- Automated detection workflows to boost accuracy and reduce manual work.
- Expanded on open-source tools by integrating APIs and a clean user interface.

TRSTxCYBER Website Fall 2025

- Designed and launched a full company website from scratch.
- Built responsive pages optimized for performance and usability.
- Integrated branding, content management, and security features.
- Deployed site with scalable hosting and ongoing maintenance tools.

## Language/Technologies

Skilled in: Python, Java, HTML and CSS  
Proficient in: C++, SQL, Git  
Familiar in: Javascript, C,

## References

Todd Harmon – CEO, TRSTxCYBER | [todd@trstxcyber.com](mailto:todd@trstxcyber.com)

Chris Shirran – CEO, Unite-IT; CIO, TRSTxCYBER | [chris@trstxcyber.com](mailto:chris@trstxcyber.com)