Daniel Scherzer

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https://scherzer.dev/

Education

Tufts University (Master of Science, expected graduation: 2025)
> Online Master of Computer Science program
> GPA through Spring 2025: 4.0

Tufts University (Bachelor of Science, graduated 2024, *magna cum laude*)
> Double major in computer science and political science
> Minor in theater
> GPA: 3.8 (made Dean's List consistently)
> National Merit Scholarship recipient

Seattle Academy of Arts and Science (high school, graduated 2020)

Skills

Programming in JavaScript, PHP, C, C++, Lua, Python, Java (and quick to learn new languages)
Excellent written and oral communication (including over Zoom)
Experience working collaboratively with diverse teams, including remotely
Organization and technical project management

Languages

English (native language); Hebrew (fluent); Chinese (conversational); Spanish (conversational)

Open-Source Experience

- Contributions available at https://github.com/DanielEScherzer
- PHP core developer, PHP 8.5 release manager
- Author of multiple implemented RFCs for major PHP features
  - Attributes on Constants
  - Final Property Promotion
  - #[DelayedTargetValidation] attribute
- PHP ext/reflection maintainer
- Multiple libraries published on packagist
  - common-phpcs [codesniffer ruleset]
  - commonmark-ext-pygments-highlighter [syntax highlighting in markdown]
  - html-builder [tools for building HTML]

Professional experience

Technical Project Manager, WikiTeq (January 2023 – present)
> Working with a team of developers from around the world to support client sites running MediaWiki.
> Public code contributions available at https://github.com/DanielWTQ

Sound engineer, freelance (Summer 2022 – present)
> Experience working with fast-paced production requirements.

Tutoring in website design (Summer 2022)
> Teaching how to design a website with HTML, style it with CSS, and add user interaction with JavaScript.

Developer, [Company name omitted for confidentiality/NDA] (2019-2021)
> Development with PHP and JavaScript

Research Assistant (Spring 2020), assisted in research for:
> Rankin, Sara. "Civilly Criminalizing Homelessness." Harvard Civil Rights-Civil Liberties Law Review 56.2 (Summer 2021); 367-412. Available at http://dx.doi.org/10.2139/ssrn.3677531.

Conference Presentations

- "PHP 8.5: New Features from the Source," *Longhorn PHP Conference*. Austin, Texas, October 2025. Upcoming.
- "Fuzzing the MediaWiki REST API," *MediaWiki Users and Developers Workshop, Spring 2025*. Sandusky, Ohio, May 2025. Available online at https://www.youtube.com/watch?v=-Dt-5Db1lKY.
- "Handling Database Updates," *MediaWiki Users and Developers Workshop, Spring 2025*. Sandusky, Ohio, May 2025. Available online at https://www.youtube.com/watch?v=L38kDLc2FwA.
- "Considerations when targeting LTS releases," *MediaWiki Users and Developers Conference, Fall 2024*. Vienna, Austria, November 2024. Available online at https://www.youtube.com/watch?v=hGYbXkfbkuU.
- "Orchestration with Puppet," *MediaWiki Users and Developers Conference, Spring 2024*. Portland, Oregon, April 2024. Available online at https://www.youtube.com/watch?v=8H0AHc7Ou4U.
- "Introduction to Enterprise MediaWiki," *Enterprise MediaWiki Conference, Spring 2023*. Austin, Texas, April 2023. Available online at https://www.youtube.com/watch?v=nZQZyPfEiUI.

Latest version available at https://scherzer.dev/Resume