

# Daniel Scherzer

[Daniel.e.scherzer@gmail.com](mailto:Daniel.e.scherzer@gmail.com)

<https://www.linkedin.com/in/daniel-scherzer-520539263/>

<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)

Tools: Git, Docker, Composer, Kubernetes, Puppet, NPM, Pip (and others)

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](#)
  - [FILTER\\_THROW\\_ON\\_FAILURE flag](#)
- 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-5Db1IKY>.
- “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>