# Daniel Scherzer

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https://github.com/DanielEScherzer

## Education

Tufts University (Master of Science, expected graduation: 2025)
 Online Master of Computer Science program
 GPA through Fall 2024: 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 Java, JavaScript, PHP, C, C++, Lua, Python (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

- PHP core developer, author of multiple RFCs for major features
  - Attributes on Constants
  - Never Parameters
  - Final Property Promotion
- PHP ext/reflection maintainer
- Multiple libraries published on packagist
  - common-phpcs [codesniffer ruleset]
  - html-builder [tools for building HTML]

## Professional experience

Youth member, City of Medina Parks and Recreation Board (2 terms, 2017-2019)
 Provided a new perspective to city's advisory board.
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.

Tutoring in website design (Summer 2022)

Teaching how to design a website with HTML, style it with CSS, and add user interaction with JavaScript.

Sound engineer, freelance (Summer 2022 – present)

Experience working with fast-paced production requirements.

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

## Conference Presentations

- "Introduction to Enterprise MediaWiki," *Enterprise MediaWiki Conference, Spring 2023*. Austin, TX, April 2023. Available online at https://www.youtube.com/watch?v=nZQZyPfEiUI.
- "Orchestration with Puppet," *MediaWiki Users and Developers Conference, Spring 2024*. Portland, OR, April 2024. Available online at https://www.youtube.com/watch?v=8H0AHc7Ou4U.
- "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.