Dan Friedman

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Education

Yale University, New Haven, CT

- Bachelor of Arts in English, graduation expected May 2017, GPA 3.95
- *CS classes:* Intro to Programming, Intro to CS, Data Structures, Computational Linguistics, Intelligent Robotics

Torah Academy of Bergen County, Teaneck, NJ

- Diploma 2013, GPA 98.17/100, Valedictorian, National Merit Finalist

Technical Experience

Peer Tutor: CPSC 201 — Yale University, New Haven, CT — Fall 2016

- Lead biweekly tutoring sessions for students in CPSC 201, Introduction to Computer Science.
- Topics include functional programming with Racket, computer architecture, strings and languages, complexity, and recursion.

Web Development Intern — Kentucky Center for the Performing Arts, Lousiville, KY — Summer 2016

- Worked with the senior web developer to develop new front-end and back-end features for kentuckycenter.org.
- Built responsive UI components with HTML, CSS, and JavaScript/JQuery, such as a "View from Your Section" tool.
- Integrated full online support for gift certificates using AJAX, ASP.NET/C# MVC, and the Tessitura Web API.
- Built MVC widgets for the Sitefinity CMS to allow non-technical employees to customize the website without writing any code.

Webmaster — Yale Literary Magazine, New Haven, CT — Sept. 2015 - present

- Started a new online journal for the *Yale Literary Magazine*, the *Yale Little* (yalelittle.com).
- Built a custom, responsive WordPress theme using HTML, CSS, PHP, and JQuery.
- Manage web hosting, content management, and site analytics for the *Yale Little* and yalelitmag.com.

Media Tech — Yale Student Technology Collaborative, New Haven, CT — Jan. 2014 - present

- *Web Specialist:* Work with students and faculty to develop custom CampusPress websites for classes and student groups; write tutorials to introduce other Media Techs to WordPress development and responsive web design.
- Provide students and faculty with technical support for media hardware and the Adobe Creative Suite.

Selected projects

Kineograph — dfriedman.net/kineograph

- A JavaScript web app for creating flipbook-style animations in the browser.

turnStyle — available on the Chrome Web Store

- A Google Chrome extension for overriding web pages with custom CSS.

Game of Life — dfriedman.net/gameOfLife

- An interactive, mobile-friendly JavaScript implementation of Conway's Game of Life.

Skills

Programming languages

- *Proficient:* JavaScript, HTML5, CSS3
- *Experience:* C, C#, Python, Racket, Haskell, PHP, MySQL

Tools, libraries, and frameworks

- *JavaScript:* JQuery, AJAX, Canvas, MongoDB, ExpressJS, AngularJS, node.js/npm, Vanilla JS
- *Other:* Git/GitHub, UNIX, bash, emacs, ASP.NET MVC, Visual Studio, WordPress, Sitefinity, Tessitura, Photoshop, GIMP

Other experience

Work and activities

- *Writing Partner, Yale College Writing Center:* Staff walk-in writing center and work individually with ESL students
- Contribute book reviews, film reviews, and cartoons to several campus publications

Awards

- Francis Bergen Prize for a short story in the Yale Literary Magazine (2015)
- E. Francis Riggs Memorial Prize for excellence in Directed Studies, a freshman humanities program (2014)