

Hedy Deng

<https://hedyd.github.io>

WORK EXPERIENCE

Senior Software Engineer, WW International

New York, NY | January 2019 - Present

- Core developer responsible for moving the legacy Drupal 7 website off Acquia Cloud onto WW's internal AWS infrastructure.
- Led the conversion of legacy React class components into functional components with TypeScript.
- Set up CI/CD pipelines for linting, testing, and Docker deployments with Github Actions.
- Improved performance across tiers by adding Memcached for the Drupal CMS, Redis for the GraphQL API layer, and Fastly compatible Cache-Control headers for the front-end React app.
- Led a team of three engineers on development for an internal tool. Set up a Next.js application with Okta single sign-on, Ant Design components, and Vitest.

Tech Lead, Meredith (Formerly Time Inc.)

New York, NY | May 2016 - December 2018

- Maintained over ten sites serving millions of monthly users, such as InStyle, Allrecipes, Food & Wine, and Travel & Leisure.
- Key developer for a custom Drupal API module used to provide data to an Express/Handlebars front-end.
- Laid the groundwork for major features such as infinite scrolling articles, critical CSS, and automated testing.

Freelance, Cynda Media Lab

New York, NY | Aug 2015 - Present

- **MIT Remote Learning Hub:** Set up user roles in Auth0 and built React components in Storybook.
- **GUND Campaign Website:** Created a way for users to build and share custom avatars with HTML canvas.
- **Vincent Di Fate Portfolio:** Built an Angular frontend, custom Shopify theme, and custom CMS with Angular Material.

Senior Software Engineer, Lockheed Martin Desktop Solutions, Inc.

Fairfax, VA | Aug 2011 - Apr 2016

- Themed and customized over 30 Drupal websites for members of the U.S. House and Senate.
- Created custom Drupal modules to retrieve and store data from social media APIs and update that data on cron runs.
- Built a drag and drop e-newsletter wizard in jQuery Mobile.
- Performed 508 compliance testing using NVDA and added WAI-ARIA where needed to improve accessibility.

SKILLS

Web Development

HTML, CSS/SCSS, JavaScript, Web Components, TypeScript, React, Next.js, Angular, lit-html, Astro, Node.js, Express, Fastify, PHP, GraphQL, MongoDB, SQL, Drupal

Testing

Vitest, Jest, Mocha/Chai, Jasmine/Karma, Playwright, Storybook

Build & Integration Tools

Vite, Webpack, Gulp, Github Actions, Jenkins, CircleCI, Docker

Miscellaneous

Prompt Engineering, Webflow, Framer, Figma, Squarespace, Git, Jira, Agile Development, Figma, Adobe Photoshop, Customer Service (IT Helpdesk supervisor), Web Development Instruction (Part-time SUNY faculty)

EDUCATION

Cornell University, College of Engineering

Ithaca, NY | May 2011

Bachelor of Science in Information Science, Systems and Technology