Jonathan Pool

Developer of accessible web applications



All phases:

| planning | documentation |
|----------|---------------|
| design | blogging |
| coding | training |
| linting | maintenance |
| testing | upgrades |

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| Site | User ID | URL |
|--------------|--------------|---|
| Github | jrpool | https://github.com/jrpool |
| LinkedIn | jonathanpool | https://www.linkedin.com/in/jonathanpool/ |
| MDN Web Docs | JonathanPool | https://developer.mozilla.org/en-US/profiles/JonathanPool |

Current ally projects

- Accessible Calculator
- jsonresume-theme-ally

Open-source contributions

- ESLint
- MDN Docs
- <u>LearnersGuild/curriculum-app</u>
- PanLem

What I have worked with

- Web development: full-stack, back-end, front-end, APIs, SPAs
- **Programming**: JavaScript, Perl, Java, bash, VBA, APL
- Back-end: Node.js, NPM, Express, pg, pg-promise, bcrypt, solr, DBI
- Front-end: HTML, CSS, JQuery, Cheerio, Bootstrap, EJS, Pug, Materialize, WordPress
- Version control: git, svn, Github, Gitlab, Bitbucket, SourceForge
- Quality control: mocha, chai, Selenium Webdriver, ESLint
- Databases: PostgreSQL, PL/pgSQL, MongoDB, migrations
- Statistics: SPSS
- Accessibility: WCAG 2.1, ARIA, Chrome/aXe/Siteimprove audits
- Internationalization: Unicode, CLDR, ISO 639, PanLex API
- Web servers: Apache httpd, nginx
- Cloud and virtual server administration: Amazon AWS (EC2, S3, Glacier), OVH
- Mail servers: Postfix, sendmail, SendGrid Web API
- OS's: Ubuntu, RHEL, OS X
- Networks: Cisco firewall/router/switch OS
- Files: FineReader, Acrobat, iconv, Atom, nano, ed, sed, GraphicConverter
- Office apps: Apache OpenOffice, Microsoft Office, Apple iWork
- CAD: VectorWorks

Human languages (best→worst)

- English
- Esperanto
- German
- Turkish
- French
- Russian
- Norwegian (Bokmål)

Professional education

- Learners Guild, 2017–2018, web development
- University of Washington, 2004–2007, computer science and linguistics
- The University of Chicago, 1966–1971, political science

Work

- The Long Now Foundation, 2012–2015, Project Director, PanLex
- Centerplex, 1990-2004, small-business owner-operator
- University of Washington, 1977–1993, research and teaching
- State University of New York at Stony Brook, 1971–1977, research and teaching
- Peace Corps, 1964–1966, teaching

Grants for software development

- University of Maryland
- National Science Foundation

Publication subjects

- · computational lexicography
- · syntactic ambiguity
- game-theoretic models of social choice

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