Jonathan Pool

Developer of accessible web applications

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| --- | --- | --- | --- | --- |
| planning | design | coding | linting | testing |

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| documentation | blogging | | training | maintenance | upgrades | |
| ***Contact information*** | | | | | |
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| **Telephone—** | | | (510) 225-1700 | | | |
| **Blog—** | | | <http://stulta.com/forumo> | | | |
| **Résumé—** | | | <https://jpdev.pro> | | | |
| **Mailing address—** | | | 901 24th Ave S Seattle, Washington 98144-3032, US | | | |

| ***Work portfolios*** | | |
| --- | --- | --- |
| **Host** | **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> |
| Google Scholar | Jonathan Pool | <https://scholar.google.com/citations?user=qSNjYhQAAAAJ&hl=en&oi=ao> |
| Semantic Scholar | Jonathan Pool | <https://www.semanticscholar.org/author/31879705> |

| ***Recent projects*** | | |
| --- | --- | --- |
| **Project name** | **Github** | **Demo** |
| jsonresume-theme-a11y | [jrpool/jsonresume-theme-a11y](https://github.com/jrpool/jsonresume-theme-a11y) | [npm: jsonresume-theme-a11y](https://www.npmjs.com/package/jsonresume-theme-a11y) |
| Accessible Calculator | [jrpool/calculator](https://github.com/jrpool/calculator) | <https://jrpool.github.io/calculator/> |
| DocSearch | [jrpool/docsearch](https://github.com/jrpool/docsearch) | <https://jpdev.pro/ds/> |
| Geezer.pro | [jrpool/geezer.pro](https://github.com/jrpool/geezer.pro) | <https://geezer.pro> |
| SPA for Seniors | [jrpool/singlepropertysite](https://github.com/jrpool/singlepropertysite) | <https://berkhouse.info> |

# *Open-source contributions*

* **ESLint (#25)**: <https://github.com/eslint/eslint/graphs/contributors>
* **MDN Web Docs**: <https://developer.mozilla.org/en-US/dashboards/revisions?user=JonathanPool>
* **LearnersGuild/curriculum-app (#3)**: <https://github.com/LearnersGuild/curriculum-app/graphs/contributors>
* **PanLem**: <https://jpdev.pro/info/docs/panlem-pool.png>
* **PanLex developer documentation**: <https://dev.panlex.org>

# *Tools and architectures used*

* **Languages**: JavaScript, Perl, Java, bash, 68000 Assembly, VBA, APL
* **Scopes**: full-stack, back-end, front-end, APIs, SPAs
* **Back-end**: Node.js, NPM, Express, pg, pg-promise, bcrypt, solr, DBI
* **Databases**: PostgreSQL, PL/pgSQL, SQL Server, FileMaker Pro, MongoDB, migrations
* **Front-end**: HTML, CSS, JQuery, Cheerio, Bootstrap, EJS, Pug, Materialize
* **Content and version management**: git, svn, Github, Gitlab, Bitbucket, SourceForge, WordPress
* **Quality control**: ESLint, mocha, chai, Selenium Webdriver, Chrome Developer Tools
* **Accessibility testing**: Chrome Developer Tools, WAVE, aXe, Siteimprove
* **Accessible development**: WCAG 2.1, ARIA, VoiceOver, Acrobat Pro DC, ADA Title III
* **Internationalization**: Unicode, CLDR, ISO 639, PanLex API
* **Web servers**: Apache httpd, nginx
* **Mail servers**: Postfix, sendmail, SendGrid Web API
* **Remote hosts**: Amazon AWS (EC2, S3, Glacier), Heroku, OVH
* **OS’s**: Ubuntu, RHEL, OS X, Cisco IOS
* **Configuration management**: Puppet
* **Files**: FineReader, Acrobat, iconv, Atom, nano, ed, sed, GraphicConverter
* **CAD**: VectorWorks
* **Statistics**: SPSS
* **Office apps**: Apache OpenOffice, Apple iWork, Microsoft Office
* **Collaboration**: Slack, Asana, Wrike, Trello, Egnyte
* **E-commerce**: web contracting, web reservations, crowdsourcing (Amazon Mechanical Turk), Google AdWords, IP licensing, authentication, authorization, sales form management (design, validation, tabulation)

# *Languages (best→worst)*

* English
* Esperanto
* German
* Turkish
* French
* Norwegian Bokmål
* Russian
* Latin

# *Education*

* [Learners Guild](https://learnersguild.org), 2017-05-01–2018-02-16: web development
* [University of Washington Interdisciplinary Undergraduate Program](https://jpdev.pro/info/docs/pool-uw-transcript.pdf), 2004-03-29–2007-06-01: computer science, UI design, linguistics
* [The University of Chicago](https://jpdev.pro/info/docs/pool-uc-transcript.pdf), 1966-09-01–1971-04-30: political science
* [Harvard University](https://www.harvard.edu), 1960-09-01–1964-06-30: government

# *Work history*

* [The Long Now Foundation](http://longnow.org), 2012-01-01–2016-12-19: Project Director, PanLex
* [Centerplex](http://stulta.com/misc/cx/), 1993-06-16–2004-06-11: contracting, project management, ADA upgrades
* [University of Washington Department of Political Science](https://www.polisci.washington.edu/), 1977-09-16–1993-06-15: research and teaching
* [State University of New York at Stony Brook](http://www.stonybrook.edu), 1971-01-01–1977-06-15: research and teaching
* [Peace Corps](https://www.peacecorps.gov/), 1964-06-15–1966-06-15: teaching

# *Software grants*

* University of Maryland
* National Science Foundation

# *Publication and conference presentation subjects*

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