**Curriculum Vitae**

**Jonathan Pool**

**Contact:**

Email: pool@stulta.com

Home telephone: (510) 225-1717

Mobile telephone: (510) 225-1700

Mail: 555 10th St, Oakland CA 94607-5208

**Employment objective:**

An opportunity to build, test, revise, document, and learn software that promotes efficiency and fairness

**Profiles:**

Github (https://github.com/jrpool)

LinkedIn (https://www.linkedin.com/in/jonathanpool)

Stack Overflow (https://stackoverflow.com/users/story/1572601)

MDN Web Docs (https://developer.mozilla.org/en-US/profiles/JonathanPool)

Google Scholar (https://scholar.google.com/citations?user=qSNjYhQAAAAJ&hl=en)

GitLab (https://gitlab.com/JonathanPool)

Twitter (https://twitter.com/JonathanRPool)

**Skills:**

Skill: Full-stack JavaScript-based web development

Level: Junior

Technologies: bcrypt, body-parser, Bootstrap, chai, cherio, cookie-session, cryptr, dotenv, ejs, ESLint, express, express-session, express, JavaScript, JQuery, Lodash, Materialize, mocha, mongoose, morgan, nodemon, npm, pg (node-postgres), pg-promise, PM2, pug, request-promise-native, resume-cli, selenium-webdriver, session-file-store, Underscore, XMLHttpRequest

Skill: Perl-based software development

Level: Junior

Technologies: cpan, dbd::pg, dbi, LWP::UserAgent, mojolicious, perl

Skill: Java-based software development

Level: Junior

Technologies: Java, JavaDoc, Apache solr

Skill: Other programming languages

Level: Junior

Technologies: Visual Basic for Applications, 68000 Assembly Language, APL

Skill: Database systems

Level: Junior

Technologies: PostgreSQL, MongoDB, FileMaker Pro

Skill: Server software

Level: Junior

Technologies: postfix, Apache httpd, nginx, puppet

Skill: Project-management standards and services

Level: Junior

Technologies: git, agile, Github, Gitlab, Trello, Wrike, Asana

Skill: Information technology standards

Level: Junior

Technologies: HTML, CSS, XML, Unicode, CGI

Skill: Services

Level: Junior

Technologies: Amazon EC2, Amazon S3, Amazon Glacier, Heroku, SendGrid Web API, OVH VPS platform, OVH dedicated-server platform

Skill: Operating systems

Level: Junior

Technologies: Ubuntu Linux server, Red Hat Enterprise Linux, OS X, Windows, Cisco firewall/router/switch OS

Skill: Productivity applications

Level: Junior

Technologies: Apache OpenOffice (Calc, Writer, Impress), Microsoft Office (Excel, Word, PowerPoint), iWork (Keynote, Pages, Numbers)

**Languages:**

Language: English (Native speaker)

Language: Esperanto (High)

Language: German (Medium-high)

Language: Turkish (Medium)

Language: French (Medium-low)

Language: Russian (Medium-low)

Language: Norwegian (Bokmål) (Medium-low)

**Education:**

Institution: Learners Guild

Website: https://www.learnersguild.org/

Area: Software development

Study Type: Apprenticeship

Start Date: 2017-05-01

End Date: 2018-02-16

GPA: N/A

Courses:

- Foundations

- Practice

- Apprenticeship

Institution: University of Washington

Website: http://www.washington.edu

Area: Computational linguistics and computer science

StudyType: Course work

StartDate: 2004-03-29

EndDate: 2007-06-01

GPA: 3.97

Courses:

- CSE 142: Computer Programming I

- Linguistics 461: Syntax I

- Linguistics 462: Syntax II

- Linguistics 472: Introduction to Computational Linguistics

- Linguistics 580: Problems in Linguistics (Introduction to Syntax for Computational Linguistics)

- Linguistics 567: Grammar Engineering

- CSE 143: Computer Programming II

- CSE 373: Data Structures and Algorithms

- CSE 415: Artificial Intelligence

- Linguistics 580: Problems in Linguistics (Lexical Ambiguity)

- CSE 490: Special Topics in CSE (Human–Computer Interaction 1 & 2)

- Linguistics 575: Computational Linguistics Topics

- Other courses audited

Institution: The University of Chicago

Website: https://www.uchicago.edu

Area: Policital science

StudyType: M.A. and Ph.D.

StartDate: 1966-09-01

EndDate: 1971-04-30

GPA: Unknown

Courses:

- Graduate courses in political science

Institution: Harvard University

Website: https://www.harvard.edu

Area: Government

StudyType: B.A., cum laude

StartDate: 1960-09-01

EndDate: 1964-06-30

GPA: Unknown

Courses:

- Undergraduate courses in mathematics, natural and social sciences, and humanities

**Work:**

Company: The Long Now Foundation

Position: Project Director

Website: http://longnow.org

ProjectWebsite: https:panlex.org

StartDate: 2012-01-01

EndDate: 2015-12-19

Summary: PanLex is the successor to the PanDictionary project of the Turing Center at the University of Washington (2006–2010), directed by Oren Etzioni. PanLex is building an open-source database documenting all known lexical translations among all languages and dialects, living and dead, natural and artificial, with the purpose of making cross-language information exchange and retrieval more effective for languages of all sizes and supporting cross-linguistic research.

Highlights:

- Converted database from MS SQL Server to PostgreSQL

- Grew data from 13 million to 24 million lexemes

- Grew pairwise translation count to 1.3 billion

- Designed and implemented Web interfaces to database for developers, end users, and search engines

- Documented standards, practices, and tools for other developers

- Presented technical conference papers

- Published technical article

Company: Centerplex

Position: Proprietor

Website: http://stulta.com/misc/cx/

StartDate: 1990-12-14

EndDate: 2004-06-11

Summary: Centerplex purchased, improved, and operated 4 Tukwila, Washington, office buildings. Centerplex pioneered micro-offices, virtual tenancies, tenant-friendly draft-your-own web leases, web reservations of conference rooms, high-speed Internet access as a free tenant amenity, and energy-conservation and recycling programs.

Highlights:

- Earned EPA Energy Star for Small Business Award, 1999

- Lighting upgrade got honorable mention from International Interior Design Association, 1999

- Profiled in Joseph Romm, “Cool Companies” (2006)

Company: University of Washington

Position: Assistant and Associate Professor

Website: http://www.washington.edu

StartDate: 1977-09-16

EndDate: 1993-06-15

Summary: Research and teaching in political science, with concentrations in language policy, social choice theory, and quantitative research methods.

Highlights:

- Presented conference papers

- Published book chapters, research articles, and working papers

- Visiting research and teaching appointments at U of Paderborn (Germany) and U of Bielefeld (Germany)

Company: State University of New York at Stony Brook

Position: Assistant Professor

Website: http://www.stonybrook.edu/

StartDate: 1971-01-01

EndDate: 1977-06-15

Summary: Research and teaching in political science, with concentrations in language policy, social choice theory, and quantitative research methods.

Highlights:

- Presented conference papers

- Published book chapters, research articles, and working papers

- Visiting appointments at U of Mannheim (Germany), McGill U (Montréal), USSR Academy of Sciences, and Stanford U

**Volunteering:**

Organization: ESLint

Position: Contributor

Website: https://eslint.org/

StartDate: 2017-10-12

Summary: ESLint is the premier linting tool for JavaScript.

Highlights:

- Submitted 16 merged commits in first month

- Became #26 out of 566 contributors by commit count

- Contributing to absorbtion of JSCS by ESLint

Organization: Mozilla Foundation

Position: Contributor to MDN Docs

Website: https://developer.mozilla.org

StartDate: 2017-02-20

Summary: MDN Docs is the premier repository of authoritative developer-facing documentation on HTML, CSS, JavaScript, and related APIs.

Highlights:

- Made 224 edits in documentation in 8 months

Organization: Utilika Foundation

Position: President

Website: http://stulta.com/misc/uf/

StartDate: 2004-05-03

EndDate: 2011-12-31

Summary: Utilika Foundation supported the work of the UW Turing Center on the PanDictionary project and assumed management of it as the PanLex project when the Turing Center’s work on it ended. The foundation turned the project over to The Long Now Foundation in 2012.

Highlights:

- Presented technical conference papers at CLAW/AMTA 2006, K-CAP 2007, SAAKM 2007, LISA Berkeley 2009, Machine Translation Summit XII, Coling 2010, and DELPH-IN Summit 2011

Organization: Berkeley Town House Cooperative Corporation

Position: Director and Secretary

Website: http://berkeleytownhouse.com

StartDate: 2011-05-24

EndDate: 2011-12-06

Summary: Berkeley Town House is the first senior housing cooperative in the United States, founded in 1960.

Highlights:

- Helped evaluate prospects of recovery for construction defects

- Recorded official corporate business

- Recovered, organized, and digitized corporate records

Organization: Peace Corps

Position: Volunteer

Website: https://www.peacecorps.gov

StartDate: 1964-06-15

EndDate: 1966-06-15

Summary: The fourth contingent of Peace Corps Volunteers in Turkey was trained at Portland State University and mostly taught English as a foreign language at the secondary level.

Highlights:

- Taught in middle and high schools in Nevşehir and İstanbul, Turkey

- Published articles in a Turkish news magazine (“Yön”) and “Peace Corps Volunteer”

- Published a language textbook

Organization: Operation Crossroads Africa

Position: Volunteer

Website: http://operationcrossroadsafrica.org/

StartDate: 1963-06-15

EndDate: 1966-08-15

Summary: Operation Crossroads Africa organizes manual labor projects in Africa with international participation.

Highlights:

- Participated in building a community center in Nsoatre, Ghana

**Awards:**

Title: Faculty Research Programme grant

Date: 1985-11-01

Awarder: Embassy of Canada to the United States

Summary: The Political Economy of Language

Title: Educational software development grant

Date: 1983-07-01

Awarder: University of Maryland

Summary: Computer Simulation in Multilingual International Studies

Title: Research grant

Date: 1978-09-01

Awarder: National Science Foundation

Summary: Computer Equipment for Experimental Political Science Research

Title: Collaborative research grant

Date: 1978-05-01

Awarder: American Association for the Advancement of Slavic Studies

Summary: Language and Ethnicity in the USSR: Advances in Policy Research

Title: Conference travel grant

Date: 1978-08-01

Awarder: Ford Foundation

Summary: Travel support for 9th World Congress of Sociology

Title: Research stipend

Date: 1975-09-01

Awarder: American Association for the Advancement of Slavic Studies

Summary: Soviet language policy

Title: Awards for visiting research and teaching appointments

StartDate: 1973

EndDate: 1975

Awarder: National Academy of Sciences of the USA, Academy of Sciences of the USSR, Social Science Research Council, Alexander von Humboldt-Stiftung, Deutscher Akademischer Austauschdienst, and Council for European Studies

Summary: Survey, experimental, and theoretical research

**Selected Publications:**

Author and title: David Kamholz, Jonathan Pool, and Susan M. Colowick, “PanLex: Building a Resource for Panlingual Lexical Translation”

Publisher: LREC

ReleaseDate: 2014

Website: https://pdfs.semanticscholar.org/4bf5/387ec770f557525484b7c99be3a0c568651a.pdf

Summary: Technical description of the PanLex project of The Long Now Foundation

Author and title: Patrick Westphal, Claus Stadler, and Jonathan Pool, “Countering language attrition with PanLex and the Web of Data”

Publisher: Semantic Web Journal

ReleaseDate: 2015

Website: http://www.semantic-web-journal.net/system/files/swj509.pdf

Summary: Technical report on creation of an RDF interface to the PanLex database

Author and title: Timothy Baldwin, Jonathan Pool, and Susan M. Colowick, “PanLex and LEXTRACT: Translating all Words of all Languages of the World”

Publisher: Coling

ReleaseDate: 2010

Website: http://turing.cs.washington.edu/papers/BaldwinEtAl-Lextract.pdf

Summary: Technical report on attempts to automate the parsing of heterogeneous multilingual dictionaries for extraction of translations

Author and title: Katherine Everitt, Christopher Lim, Oren Etzioni, Jonathan Pool, Susan Colowick, and Stephen Soderland, “Evaluating Lemmatic Communication”

Publisher: Trans-kom

ReleaseDate: 2010

Website: http://www.trans-kom.eu/bd03nr01/trans-kom\_03\_01\_03\_Everitt\_et\_al\_Lemmatic\_Communication.20100531.pdf

Summary: Experiment on conditions of success in lemmatic communication between Spanish- and Hungarian-speaking subjects

Author and title: Jonathan Pool and S. M. Colowick, “Syntactic Disambiguation for the Semantic Web”

Publisher: SAAKM

ReleaseDate: 2007

Website: http://ftp.informatik.rwth-aachen.de/Publications/CEUR-WS/Vol-289/po02.pdf

Summary: Experimental comparison of paraphrasal and truth-conditional selection as methods of disambiguation

Author and title: Jonathan Pool, “The Multilingual Election Problem”

Publisher: Journal of Theoretical Politics

ReleaseDate: 1992

Website: https://old.panlex.org/pubs/etc/multielectprob.pdf

Summary: Formal model of political polarization with candidates advocating conflicting policies to dissimilar audiences

Author and title: Reinhard Selten and Jonathan Pool, “The Distribution of Foreign Language Skills as a Game Equilibrium”

Publisher: Springer

ReleaseDate: 1991

Website: https://pdfs.semanticscholar.org/fe68/86cfbf8c2d18f4175b490dcc8837a14d3a5c.pdf

Summary: Model of interactive decisions on acquiring knowledge of additional languages

Author and title: Jonathan Pool, “The Official Language Problem”

Publisher: American Political Science Review

ReleaseDate: 1991

Website: https://www.jstor.org/stable/1963171

Summary: Model of a solution to the problem of choosing optimally efficient official languages while treating speakers of all languages fairly

Author and title: Bernard Grofman and Jonathan Pool, “How to Make Cooperation the Optimizing Strategy in a Two-Person Game”

Publisher: Journal of Mathematical Sociology

ReleaseDate: 1977

Website: http://www.tandfonline.com/doi/abs/10.1080/0022250X.1977.9989871?src=recsys&

Summary: Proves the existence of a partial tit‐for‐tat (matching) strategy that induces an optimizing opponent to cooperate in an iterated Prisoner's Dilemma game

Author and title: Jonathan Pool, “Coalition Formation in Small Groups with Incomplete Communication Networks”

Publisher: Journal of Personality and Social Psychology

ReleaseDate: 1976

Website: https://old.panlex.org/pubs/etc/cfsg.pdf

Summary: Report of an experiment on the effects of communication restrictions on coalition formation and competitive success