

Jonathan Pool

Oakland

64x64



About

I have developed web and database applications in JavaScript and other languages. I am currently adding accessibility features to existing applications and developing new ones that comply with international accessibility standards.

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Work Experience

The Long Now Foundation

Project Director

2012 - 2016

Director of the PanLex project

- Developed PostgreSQL database of 3.1 billion lexical translations
- Developed UIs and SEO for database
- Recruited steering committee and advisory committee
- Hired and supervised 3 computational linguists and 1 linguist
- Director 2 summer internship programs with 45 interns
- Established project office

Centerplex

Proprietor

1993 - 2004

Owner and operator of 4 office buildings with 100 tenants

- Developed web application and UI for tenant-initiated leasing
 - Procured, configured, and managed 4-building wireless network with T1 WAN and Cisco LAN
 - Hired and supervised 20 employees
 - Upgraded physical plant to enhance ADA accessibility
 - Procured and managed lighting upgrade with 1.5-year payback
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University of Washington

Assistant and Associate Professor

1977 - 1993

Member of faculty of Department of Political Science

- Published research articles, collections, and conference papers
 - Had visiting appointments at University of Paderborn and University of Bielefeld, Germany
 - Taught courses in research methods, decision theory, and language policy
 - Served on university committees
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State University of New York at Stony Brook

Assistant Professor

1971 - 1977

Member of faculty of Department of Political Science

- Published research articles and conference papers
 - Had visiting appointments at Stanford University, McGill University, and University of Mannheim, Germany
 - Taught courses in research methods, comparative politics, and language policy
 - Developed instructional software
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Education

Learners Guild

full-stack web development, Vocational training and apprenticeship

2017 - 2018

University of Washington

computer science and linguistics, undergraduate and graduate courses

2004 - 2007

The University of Chicago

political science, M.A. and Ph.D.

1966 - 1971

Harvard University

government, B.A.

1960 - 1964

Skills

- **Web Development**

- HTML
- CSS
- Javascript

- **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**

- WCAG 2.1
- ARIA
- Chrome/aXe/Siteimprove/WAVE/OpenWAX/Tenon.io audits
- 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)
- OVH

- **OS's**

- Ubuntu
- RHEL
- OS X

- Cisco IOS
- **Configuration management**
 - Puppet
- **Files**
 - FineReader
 - Acrobat
 - iconv
 - Atom
 - nano
 - ed
 - sed
 - bbEdit/TextWrangler
 - GraphicConverter
- **CAD**
 - VectorWorks
- **Statistics**
 - SPSS
- **Office apps**
 - Apache OpenOffice
 - Apple iWork
 - Microsoft Office
- **Collaboration**
 - Slack
 - Asana
 - Wrike
 - Trello
 - Egnyte

References

Instructors and colleagues during 2017–2018 enrollment as trainee-apprentice (on request) -
Learners Guild

Supervisors and colleagues during 2012–2016 tenure as PanLex Project Director (on request) - **The Long Now Foundation**