

**David Justice**  
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## Work Experience

- **Mozilla** Portland, Or / Remote  
*Staff Engineer* *August 2015 - Present*
  - Firefox
- **Freelance Development** Portland, Oregon  
*Software Engineer* *January 2014 - August 2015*
  - Led multiple teams in engineering fresh and legacy projects.
  - Implemented an interactive SVG interface representative of complex medical data.
- **Sprint.ly** Portland, OR  
*Software Engineer* *January 2013 - January 2014*
  - Implemented the popular list view.
  - Improved Test Coverage from below 1 percent up to well over 50 percent.
  - Managed major refactors of the Front End.
  - Made large performance improvements in rendering on the front end.
- **Glider** Portland, OR  
*Software Engineer* *January 2013 - March 2013*
  - Worked on a small team to rapidly build out an alpha release for TechCrunch Disrupt
  - Helped to stabilize product.
  - Assisted in finding full-time employees to carry on development.
  - Implemented interactive signing of documents with canvas API
  - Acquired one year later by FPX
- **Tixie** Portland, OR  
*Front End Developer* *September 2012 - January 2013*
  - Implement full site redesign.
- **Outthink Group** Lynchburg, VA  
*Web Developer* *September 2011 - 2012*
  - Build multiple sites for self-published authors using Wordpress.

## Open Source Projects

- **Meta-staseis**  
*<http://edit.cassettetap.es>* *started 2014*
  - Editing Audio Files in a Browser
  - Client Side manipulation of audio data in a web worker.
  - Supports Copy, Cut, Paste, reverse, merging
  - Exporting as a WAV file
- **NPR Streams**  
*<http://npr-streams.com>* *started 2014*

- Parsing of 22,000 line xml file of all npr stations.
- Created easy to navigate and fully documented API

- **4minutesand33seconds**

- <http://4minutesand33seconds.com>

*started 2014*

- Recording and real-time audio visualization in browser with WebAudio and WebWorkerAPI.
- Bulk uploads to Amazon s3.

- **Revisit.link**

- <http://revisit.link>

*2014*

- Project for mapping together microservices for image manipulation.
- Collaborated with the creator of chat.meatspac.es and Big Boring System.

- **Small Modules on NPM**

- <https://www.npmjs.com/~meandave>

*2012 - current*

- general utilities
- Command Line utilities
- Canvas API Helpers
- WebAudio API Libraries
- Developer Tools

## **Skills**

**Languages:** JavaScript, L<sup>A</sup>T<sub>E</sub>X, C/C++, Markdown

**Operating Systems:** Linux, UNIX, MacOSX, Windows

**Applications:** GIMP & Photoshop, GNU Plot, L<sup>A</sup>T<sub>E</sub>X, InDesign, Emacs, Illustrator, InkScape, Audacity

**Miscellaneous:** strong verbal and written communication skills, excellent troubleshooting and debugging skills, exceptional problem solving skills, good teams skills

## **Interests**

**Computers:** Maintain a plethora of open source packages, mostly on packages published to NPM.

Highly proficient in Linux and other UNIX derived systems. Studying Digital Signal Processing.

**Musical:** ♪ Playing piano & creating instruments. Running a small independent cassette label.

**Musical continued:** ♪ Running a small independent cassette label.

**Outdoors:** Bicycles, camping, traveling.

**Other:** Reading about philosophy, mathematics, music theory, history of computing.