

INFO



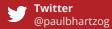


Phone 734-478-0760

Email PaulBHartzog@ PaulBHartzog.org

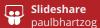
WebPaulBHartzog.org

social











code







JSFiddle paulbhartzog

PAUL B. HARTZOG

Consultant & Techno-Shaman



Paul B. Hartzog helps people understand and solve complex business and coding challenges so that they can create robust and interactive software applications.



Paul B. Hartzog has worked in the Internet industry since before there was a World Wide Web. Starting in SGML, he quickly moved into HTML and created one of the first website application platforms, which is still in use today. He has remained at the forefront of emerging technologies ever since. Paul designed and taught "Information Theory and Practice" as well as "Network Computing" at the University of Michigan's School of Information, where he was a recipient of an NSF IGERT to study complex systems. Along the way he has demonstrated expertise in many forms including network and systems architecture, software and web application design, as well as marketing communications. Paul has also lectured at the University of Utah and Stanford University.

Besides coding numerous frameworks, Paul is the developer of **FLOWS**, a standards platform to enhance Internet interoperability by allowing for the interaction of data and messages from a wide variety of sources and targets. (SiliconAngle video interview is on Paul's "Academic" YouTube channel listed below)



SKILLS A Multi-Dimensional Array

Elixir / Phoenix	DevOps (CI / Cloudflare / AWS)	MySQL / PostgreSQL / etc.
Python	Git / Github	Ruby / Rails
Mocha/etc.	AngularJS / Ember / React / Vue	Javascript
REST/APIs	Grunt / Gulp / Webpack	HTML/CSS/LESS/SASS
Futurist	PHP / Drupal / WordPress	SGML/XML/XHTML
Networks	Complexity	Complex Systems



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Name Paul B. Hartzog



Address Asheville, NC



Phone 734-478-0760



PaulBHartzog@ PaulBHartzog.org



Web PaulBHartzog.org

social



Twitter @paulbhartzog



Facebook paul.b.hartzog



LinkedIn paulbhartzog



Slideshare paulbhartzog



YouTubePaulBHartzog
"Academic"

cope



Codepen paulbhartzog



GitHub paulbhartzog



Plunkr paulbhartzog



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2020-2023 TTI Worldwide (Techtronic Industries)

Consultant, Senior Lead & Developer, DevOps

System Design & Development, Elixir, DevOps, Ruby

2018-2020 Holo (Regenerative Software)

Consultant & Developer

System Architecture & Design, DevOps, Javascript

2017-2018 **PrintSites, Inc.**

Consultant & Developer

Javascript, AngularJS, TypeScript, PHP, Symfony, EmberJS

2017 Self-Employed

Consultant & Developer

Javascript, EmberJS, Ruby/Rails, testing (QUnit, RSpec, Ghost Inspector)

2016 - 2017 MWW On Demand

Engineering Manager & Consultant

- Engineering Manager for internal staff & external contractors on Agile development: code, review, deploy.
- * **Research and planning** of future technology strategies.
- Ruby/Rails API, Ember, DevOps

2004 - 2016 **Self-Employed**

Consultant & Developer

- Project Lead, Senior Architect, Consultant, and Developer (with partner N- Tonic) on HIPAA-compliant medical mobile/web application.: HTML, Javascript, AngularJS, APIs
- Project Lead, Senior Architect, Consultant, and Developer (with partner N-Tonic) on multiple HIPAA-compliant medical services with the state of California: HTML, PHP, Javascript
- Developer of FLOWS, a standards framework to enhance Internet interoperability
- Coordinator and Developer for Howard Rheingold, The Institute for the Future / DARPA project the Cooperation Commons, an online repository of cooperation and commons research summaries.

2008 - 2011 Future Forward Institute

CEO, Founder, Consultant, & Developer

- Senior Architect, Designer, Developer, and Project Manager (Development)
- HTML, CSS, PHP, MySQL, Javascript, JQuery, Ruby/Rails, Python, DevOps, etc.



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 Clients include Macarthur Foundation, MIT Press, Stanford University

2003 - 2010 University of Michigan, University of Utah

Instructor, Graduate Student Instructor

Designed and taught **HTML, CSS, EndNote** classes, as well as "Analysis and Design of Online Communities", "Information in Social Systems", and "Networked Computing."

Before 2003

Vital Smarts
MindWire Interactive

Senior Development Manager CTO / Senior Developer

Paul B. Hartzog has made significant contributions to **Iomega**, **TimeWarner Communications**, **U.S. Postal Service**, **Trinet**, **and Nortel Communications**, providing a full-range of internet services from **web development** and **programming** to **system administration**.



EDUCATION Life Is Learning

2009 M.S. Degree in Political Theory (Complex Systems)

University of Michigan

Political Theory / Complex Systems / Information

2005 M.S. Degree in Political Science (Statistics)

University of Utah

Globalization & Environmental Politics / Sustainable Development

2003 B.S. Degree in Political Science

University of Utah

World Politics / Economics



Further/more

Links & Pointers

Info

- → PaulBHartzog@PaulBHartzog.org
- → http://PaulBHartzog.org
- → 734-478-0760

Social

- → Twitter: http://twitter.com/PaulBHartzog
- → Facebook: http://www.facebook.com/paul.b.hartzog
- → LinkedIn: http://www.linkedin.com/in/paulbhartzog
- → Slideshare: http://www.slideshare.net/paulbhartzog
- → YouTube: Paul B. Hartzog "Academic" (interviews and lectures): http://www.voutube.com/channel/UCB6q2MO1dl5lLNKasAl2fWq

Code

- → Codepen: http://codepen.io/paulbhartzog
- → GitHub: http://github.com/paulbhartzog