

# JOSH PETERSON

## Interdisciplinary Technologist

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- Developed and deployed code used by millions of people.
- Published Human-Computer Interaction research.
- Exhibited site-specific interactive media art.

## Employment

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**RPM** NYC  
Sr. Web Developer Apr 2017 to Current  
Architect the dev process at an agency startup. Develop websites for Broadway shows such as "Hamilton"

**The Science Project** NYC  
Web Developer (Contract) Jan 2017  
Help finish an internal brand and strategy site for a Fortune 100 company, utilizing Backbone.js

**The Current Museum** NYC  
Coordinator (temp) Nov 2016 to Dec 2016  
Organize events and maintain installations at a pop-up digital art space

**Doberman** Manhattan  
Design Technologist Mar 2016 to Oct 2016

- Write code and manage deployment for Starbucks property receiving 15 million monthly visitors
- Develop high-fidelity prototypes with Framer.js
- Sole developer for CMS business website

**Ogilvy & Mather** NYC  
Front End Developer (Contract) Sep 2015 to Jan 2016

- Extend Angular and Backbone web apps for clients like IBM, Vitaminwater, Nationwide
- Build responsive and adaptive layouts
- Develop web virtual reality demo with webvr framework A-Frame, three.js, Web Audio API

**Microsoft** Redmond  
Design Developer (Contract) Oct 2014 to Feb 2015  
Front-end development with Office / OneDrive design team

- Feature prototyping in an internal MVVM front-end framework
- Dev work on OneDrive marketing site
- Email development

**Nimia (<http://app.nimia.com>)** Seattle  
Web Developer Nov 2013 to Oct 2014  
Major contributor to product at early startup.

- Design and development of new features
- UI work in client-side single-page app (Javascript - Backbone, jQuery)
- Backend work (Python - Django, Tastypie REST API)
- Product strategy for Video Licensing and Asset Management platform

**Metrix Create Space** Seattle  
Staff Jan 2013 to Mar 2013  
Helped run a hackerspace and contributed to Seattle's maker community:  
3d printing, laser cutting, CAD, circuits, open-source hardware, retail

**Ubicomp Lab (Shwetak Patel), U of Washington** Seattle  
Research Assistant Jun 2011 to Oct 2011  
Worked on UI design and research team of 5 members

- Front-end for novel home sustainability sensing technology
- Design and analysis of online surveys, in-person interviews
- Co-author of paper accepted to SIGCHI 2012 conference, Best Paper nomination

## Contact

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## Education

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University of Washington  
Bachelor of Fine Arts, DXARTS: Digital Arts and Experimental Media 2012

## Skills

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### WEB DEVELOPMENT

Javascript  
HTML5 + CSS3  
SASS / SCSS + LESS  
jQuery  
Frontend tooling: Grunt, Gulp, Webpack, npm  
Python  
Django  
REST API  
Git  
Wordpress Development  
Email Development  
User Interfaces  
User Research  
Framer.js  
UX Design  
Google Cloud Platform

### JAVASCRIPT APPLICATION DEVELOPMENT

Javascript MVC / MVVM / MV\*  
Backbone  
Angular  
React  
Vue  
Basic Node

### CREATIVE TECHNOLOGY

Physical Computing  
Arduino  
IOT  
p5.js  
Processing  
OpenFrameworks  
d3.js  
A-Frame WebVR  
Web Audio  
Interactive art installations  
Microcontrollers  
Embedded systems software (C)  
Adobe Creative Suite  
Audio Engineering  
Video Production