JOSH PETERSON

Interdisciplinary Technologist

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

Employment

The Science Project
Web Developer (Contract)
NYC
Jan 2017

Help finish an internal brand and strategy site for a Fortune 100 company, utilizing Backbone.js

The Current Museum
Coordinator (temp)
NYC
Nov 2016 to Dec 2016

Organize events and maintain installations at a pop-up digital art space

Ogilvy & Mather
Front End Developer (Contract)
NYC
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

Doberman
Design Technologist
Manhattan
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

Microsoft
Design Developer (Contract)
Redmond
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)
Web Developer
Seattle
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
Staff
Seattle
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
Research Assistant
Seattle
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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- NYC
- joshypants
- joshkpeterson

Education

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

Skills

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