ALEX B. SILVA

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[aadbfs.github.io](https://aadbfs.github.io/)

**EDUCATION**

**University of California, Berkeley** *December,**2013*

**Oregon State University** *March, 2017*

Bachelor of Science, Computer Science

Bachelor of Arts, Political Science

PROFESSIONAL EXPERIENCE

*Frontend Developer****,*** *X10Ten November,**2014 – Present*

* Consulting for general design, UX/UI frameworks, and development
* Worked on mobile, web, and desktop deployment
* Assisted in researching and developing new up and coming technologies

*Associate****,*** *Philhour and Associates January,**2014 – November, 2014*

* Assisted in developing and editing website code for various political campaigns
* Guided and oversaw the creation of social media for judicial and Congressional campaigns
* Wrote over one hundred email blasts to garner both monetary and nonmonetary political candidate support
* Served as Communications Deputy for Congressional campaigns

###### TECHNICAL SKILLS

*Operating Systems:*Windows, UNIX

*Languages:*Java, C & C++, Python, Assembly x86

*Scripts:*bash, JavaScript, AJAX, Typescript, PHP, node.js

*Markup:*XML, HTML5, CSS3

*APIs:*Facebook API, Google Cloud API, Google Maps API, Google Plus API, et al

*App Server:*AWS, Google Cloud, PuTTY SSH

*Databases:* MySQL, MongoDB, Android SQLLite

*UI Framework:*JQuery, AngularJS, Angular

*Tools:*Visual Studio, Maven, shell

*Testing services:* JUnit, Mockito, PIT Mutation Testing

*Wireframing:* myBalsamiq

*Project Development:* Agile, Scrum, Waterfall

##### PROJECTS (available via aadbfs.github.io)

* Towerbirth, a tower defense game powered by HTML5 and phaser. Accomplishments:
* Incorporated art and sound assets into the game
* Created levels and their designs
* Prototyped and produced the UI
* Created enemies and their AI, items, and the basic gameplay loop
* Animated sprites
* Led the team
* Buddify, a high-end prototype for a mobile web application
* An Android SQLLite app
* A Game of Thrones database of characters from the TV show
* An FTP server and client capable of transmitting files between a server and a client