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Projects

vJayS—in-browser video DJ app with live effects and audience interactivity
Full-Stack Developer; March to June 2017 (git.io/vjays)

- built with Node, Express, React/Redux, Sequelize, Axios, Webpack, Babel, Passport, WebSockets, P5.js, YouTube API, Semantic UI
- designed app architecture: models, routes, reducers, actions, components
- implemented OAuth strategies, with access to YouTube playlists
- managed deployment, custom domain, SSL certification
- wrote algorithms for audio/video crossfading and effects

crossfad.er—simple YouTube audio/video crossfader app
Solo Developer; March 2017 (git.io/crossfad.er)

- built with Node, React, Bootstrap, YouTube API
- vJayS prototype, developed as hackathon project

Tabs/Spaces Switcher—plugin that automates tabs/spaces conversion
Solo Developer; March 2017 (git.io/tabs-spaces)

- wrote plugin in Python, using the Sublime Text API
- developed for Grace Hopper Academy Tech Talk

Experience

CircleCI (San Francisco, CA—remote)

Success Engineer; 2017 to present

- build user-facing tools to aid effective usage of the platform
- discover/resolve issues within the codebase
- support engineering, revenue teams around a wide range of technical needs
- work with customers to troubleshoot problems, onboard to CircleCI

The Alliance for Media Arts and Culture (Oakland, CA—remote)

Web Consultant; 2011 to 2017

- designed, edited, contributed writing to monthly email newsletters reaching 5,000+ artists, filmmakers, media organizations worldwide
- maintained Alliance website: content, design, features, troubleshooting
- national conferences: designed programs, built app, managed registrations

ArtSpace Charter School—integrated arts middle school (Swannanoa, NC)

Media Teacher, Tutor (Project P.O.W.E.R. AmeriCorps); 2012 to 2013

- ran daily math and language arts tutor groups for 5th and 6th graders
- taught media production and journalism classes to 8th graders

Access Humboldt—community media center and TV station (Eureka, CA)

Outreach/Education Manager (Digital Arts Service Corps); 2010 to 2011

- created and managed online video portal for local content
- developed media training programs with schools, community organizations
- led digital literacy workshops across the county for rural and native youth

Interests

Android, basketball, biking, blockchains, cryptography, DevOps, film, herbalism, music, *nix OS's, OpSec, scifi, skateboarding, yoga

Skills

Proficient:

- AWS, CI/CD, CSS3, Express, Git, HTML5, JavaScript/Node, Linux, Markdown, React/Redux, SQL, testing (unit, integration, smoke)

Knowledgeable:

- Ajax, Ansible, DNS, ETL, jQuery, JS transpilers, NLP, OAuth, Python, shell scripting, SSL, Terraform, Vault, web APIs (Google Maps, YouTube), web scraping, WebSockets, WordPress

Familiar:

- Clojure, Drupal, Flask, Java, P5, Ruby, SuperCollider, Tessel

Education

Fullstack Academy (New York, NY)

The Grace Hopper Program; 2017

- full-time coding bootcamp
- 8% acceptance rate

App Academy (New York, NY)

Jump Start; 2016

- two-week coding class
- 5% acceptance rate

Haverford College (Haverford, PA)

Bachelor of Arts; 2006 to 2010

- art history major
- GPA: 3.7, ACT: 35, SAT: 2310
- discrete math, emergent systems

Objectives

not actively seeking employment;
always open to interesting,
challenging, impactful new software
engineering opportunities