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Projects

vJayS—in-browser video DJ app with live effects and audience interactivity
Full-Stack Developer; March to April 2017 (www.vjays.club)

- 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 Google OAuth strategy, with access to YouTube playlists
- managed application deployment via Heroku
- set up custom domain with manually configured SSL/HTTPS
- wrote algorithms for audio/video crossfading and effects

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

- four-day hackathon project: built with Node, React, Bootstrap, YouTube API

Retail Therapy—fanciful ecommerce project built in a week
Full-Stack Developer; March 2017 (retail-therapy.herokuapp.com)

- built with Node, Express, React/Redux, Sequelize, Webpack, Passport
- created models, backend routes, reducers, actions, components
- implemented Facebook and Google OAuth strategies
- managed application deployment via Heroku

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

- developed for a Grace Hopper Tech Talk on DIY Sublime Text plugins
- wrote plugin in Python, using the Sublime Text API

Experience

The Alliance for Media Arts and Culture (Oakland, CA—remote)
Consulting Producer, Membership/Communications; 2011 to present

- developed, designed, and contributed writing to monthly email newsletters reaching 5,000+ filmmakers, media organizations, and Alliance members
- maintained Alliance website: content, design, regular 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
- started monthly local filmmaker screening series

Interests

basketball, biking, cryptography, film, herbalism, music, scifi, Yiddish, yoga

Skills

Proficient:

- JavaScript, Node, Python, Git, HTML5, CSS3, Express, SQL, React/Redux, Axios/Fetch, Unit/Integration Testing, Adobe CS

Knowledgeable:

- CI/CD, ETL, jQuery, JS Transpilers, NLP, SSL, WebSockets, Markdown, OAuth, Sublime Text API, DNS, UI Libraries, Web Scraping, YouTube API, Google Maps API, WordPress

Familiar:

- Ruby, Ableton, P5, Shell Scripts, SuperCollider, Tessel, Drupal

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
- classes in discrete math and emergent systems

Objectives

seeking challenging, interesting, impactful software engineering work after 10+ years in arts/media;
I love new languages/technologies!