

ALEX KATZ

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Languages

JavaScript
HTML
CSS
Java
Python

Technologies

Node.js
Express
MongoDB
Git
Gulp
Eclipse
Hugo
Nunjucks
EJS

Education

Oberlin College

2012 - 2016

Computer Science Major, Dance Minor

- Experimental College, Instructor - created curriculum and taught website design and development
- Ink Tank, Cofounder - built websites for individuals and organizations in Oberlin

Year Course in Israel

Sept 2011 - June 2012

Experience

Front End Developer, *IBM* (Austin, TX)

July 2016 - Present

- Contributed front end code to a financial application and collaborated with an international development team
- Built an application for my team to record, manage, and share research findings using Node.js, Express, MongoDB, and Nunjucks
 - Implemented and designed content management interface
- Worked with researchers, UX, and visual designers to deliver coded prototypes for IBM's cloud support experience and API creation for mainframe applications
- Conducted interviews with sponsor users and explained technical concepts to the rest of my team

Purple Crayon Blogging Platform - *www.purplecrayon.me*

Summer 2015

- Designed and co-developed a blogging platform
- Built platform using Node.js, Express, MongoDB, Passport, and EJS
- Platform supported multiple users, each with their own subdomain, <name>.purplecrayon.me

Development Intern, *Bandwagon* (Brooklyn, NY)

January 2015

- Promoted (downloads) mobile ride-sharing application at CES
- Created a web application to present ride request data using Node.js, Express, and MongoDB

Kinect - *http://alexkatz.me/portfolio/kinect/*

Fall 2014

- Used a Kinect and MAX to synthesize and manipulate audio in realtime from a dancer's movement
- Used the technology to create a dance piece that was performed at an Oberlin dance concert

Mobile Web Development Intern, *Nellymoser* (Boston, MA)

Summer 2014

- Created a custom client facing Google Analytics dashboard utilizing the Embed API
- Used JSP, HTML, CSS, and JS to create templates for in-house CMS based on design specifications
- Authored wiki articles for internal knowledge capture

LaunchU: Startup Accelerator at Oberlin College

Jan 2014

- Attended entrepreneurship workshops and pitched and developed a business model for a social network that that fostered collaboration

Technical Services Support Intern, *SoftArtisans* (Watertown, MA)

Summer 2013

- Designed and implemented an application to generate and populate templates with data. Consulted with coworkers for design advice and integrated the application into a testing framework to speed up troubleshooting.
- Assisted clients and helped troubleshoot issues with code