

# 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](http://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 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