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# Kevin Berg

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## Technical Skills

Strong: JavaScript, Python, Node.js, Git, HTML5, jQuery, Express.js, MySQL

Experienced: Angular.js, Ruby, CoffeeScript, CSS, Meteor.js, D3, MongoDB, Heroku

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## Recent Projects

FOMO | Fear of Missing Out | Full-Stack Engineer | [www.try-fomo.com](http://www.try-fomo.com)

A community-driven event notifier application for all a person's interests organized in one location

- Utilized Angular.js in order to create a responsive, clean, one page application
- Implemented an Express.js server, for its speed and efficiency, to pass data to our PostgreSQL database
- Created an email notification system that can be triggered manually or automatically
- Deployed the application using Heroku to take advantage of its use of Git
- Converted all datetime inputs to UTC to compensate for different user time zones
- Achieved our goal of creating a simple yet powerful app that anyone can use

Road Trip Advisor | Scrum Master & Front-End Engineer | [safe-peak-2791.herokuapp.com](http://safe-peak-2791.herokuapp.com)

A trip planning application that plots a route with attractions of various categories along the way

- Integrated the Google Maps API with the Yelp API to determine the points of interest
- Refactored original codebase by adding mySQL database to keep track of user routes
- Specialized in user experience and simplifying user interaction
- Reviewed additions to the codebase from the development team and merged them using Git

Your World of Sketch | Front-End Engineer | [yourworldofsketch.meteor.com](http://yourworldofsketch.meteor.com)

A multi-user drawing platform with real-time updating

- Utilized Meteor.JS for its integration of web sockets that allowed for real time collaboration between users
- Created an interactive drawing area on the site using D3 and HTML5
- Expanded the user interface by adding features such as brush size and color selection
- Deployed a fully functional application with persistent memory stored on MongoDB

HTML Email Notifier | Full-Stack Engineer

An application that notifies the user when a selected website is updated

- Leveraged JavaScript using Node.js to parse HTML from a website and email the user
  - Implemented a read/write file system to monitor changes to website data
  - Overcame the asynchronous issues native to JavaScript and created a working application
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## Experience

Temple College | Adjunct Instructor 2014

- Taught three classes of 20-35 students in the subjects of music history and humanities each semester

Austin Symphony Orchestra | Musician 2012-2014

- Performed in 40 concerts per year

Private Music Educator 2001-2014

- Provided weekly oboe lessons to a studio of 20 students ages 10 to 45
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## Education

MakerSquare (Hack Reactor) | Advanced Software Engineering Immersive 2015

The University of Texas at Austin | Master of Music, Doctor of Musical Arts 2007-2012

The University of Montana | Bachelor of Music 2002-2006

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## Personal

I have performed concerts in 30 states and 10 countries. My doctoral research was published in an international music journal. I enjoy watching sports, playing video games, and spending time outdoors with my wife and dog.