

# Daniel McGraw

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## Experience

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### SpotX, Broomfield, CO

#### Principal Engineer / Team Lead [JUL.2016 - PRESENT]

*Technologies:* JavaScript, TypeScript, Redux, Redux-Saga, Angular, Google Closure, HTML, CSS

- Manage and lead one of the two web-based integrations teams
- Create, update, and maintain new and existing web-based integration SDKs, supplemental libraries, and projects
- Help move existing projects and libraries from JavaScript to TypeScript, Redux, and Redux-Saga
- Spike on new potential avenues for future development to determine value vs effort
- Mentor and pair with junior programmers and interns
- Provide support, as needed, to other team's development efforts
- Created a new test harness application, using Angular, to help our QA team feature, regression, and smoke test our integrations and projects

### Trip30, Boulder, CO

*Technologies:* Ruby, Rails, Backbone, CoffeeScript, Haml, Sass, Underscore.js, Go, PostgreSQL

#### Senior Software Engineer [JUL.2013 - JUL.2016]

- Used XP and TDD to build the backend in Ruby and Rails, frontend in Backbone, and a reporting infrastructure using Go and Backbone
- Assisted with the development and maintenance of features throughout the codebase
- Collaboratively developed stories and steered the development of application

### Alpine Access \ Sykes, Denver, CO

*Technologies:* Python, PostgreSQL, Django, Pinax, HTML, CSS

## **Software Engineer [AUG.2011 - JUL.2013]**

- Created a new learning and recruiting platform using Pinax
- Developed and maintained the Django-based recruiting and admissions platforms
- Helped with the creation of stories, tasks, and their points
- Wrote and executed QA plans and verified acceptability criteria

## **Wellkeeper, Albuquerque, NM**

*Technologies:* Python, PostgreSQL, HTML, CSS, Rabbit Dynamic C, VXML

## **Senior Software Engineer [JAN.2011 - JUL.2011]**

- Directed and assisted with the iterative development of the internal and external facing websites
- Acted as a liaison between the technical and sales sides of the company
- Interviewed, hired, trained, and mentored interns and new hires for the development team

## **Software Engineer [JAN.2010 - DEC.2010]**

- Partnered with other developers to update and maintain the internal and external facing websites
- Implemented a port of all production voice systems when transferring between IVR solutions
- Designed, developed, and implemented a unification and consolidation plan of ~100 million records in the production database
- Produced and maintained production code for the PLC/RTU embedded products

## **Software Engineer Intern [JUN.2009 - DEC.2009]**

- Updated and maintained the internal and external facing websites
- Created one-off reports for production uses per customer request
- Designed and developed an internal/external XML-RPC-based messaging system to automate email, phone, SMS, and fax services

## **UNM Computer Science Department, Albuquerque, NM**

*Technologies:* Python, Bash

## **Computer Science 152 Teaching Assistant [AUG.2007 - DEC.2008]**

- Developed supplemental materials in support of the classroom syllabus
- Independently held recitations and office hours

- Graded projects and exams

## **UNM Technology and Education Center, Albuquerque, NM**

### **Technical Assistant [AUG.2007 - DEC.2008]**

- Coached faculty, administrators, and students on recognizing and solving technical problems and meeting project requirements
- Collaboratively provided on and off-site technical support, updates, and troubleshooting for faculty, staff, administrators
- Worked with a team to set-up, tear down, and maintain departmental computer pods

## **Certifications**

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### **Certified ScrumMaster, Scrum Alliance [Aug.2017- PRESENT]**

## **Education**

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### **Computer Science, B.S. Engineering [DEC.2009]**

#### **Department of Computer Science, University of New Mexico, Albuquerque, NM**

- Minor in Business Management
- Member of Kappa Mu Epsilon (National Mathematics Honor Society)