### Kellen Schmidt

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**EDUCATION:**

**Southern Methodist University**, Dallas, TX Grad Date: May 2019

* Bachelor of Science, Computer Science
* GPA: 3.85
* Completed coursework in GUI Design, Databases, and Advanced Web App Development

**WORK EXPERIENCE:**

**Southwest Airlines**, Software Engineer InternJan - May 2018

* Designed and implemented a web application to analyze data quality and replace an old, unmaintainable system
* Prototyped different programming languages and libraries and presented a recommendation to senior leaders
* Developed the front-end using React to display tables and graphs in a more clear and productive manner
* Decreased by half, the work for analysts who use the application daily to confirm the quality of the data
* Engaged in Scrum to promote team collaboration and provide frequent and iterative delivery of business value

**Lehigh Hanson**, Application Development InternMar - Sept 2017

* Created a custom CSS extension for Bootstrap 4 written in SASS to style the company’s web applications
* Preformed QA and UAT testing on web and mobile apps and reported 100+ bugs for correction

**SKILLS:**

* React | Angular | Vue.js | Node.js | HTML/CSS/JavaScript | PHP | SQL | Java | C++ | Python | Bash
* Scrum | Jira | GitHub | Bitbucket | Docker | AWS | Jenkins | Confluence | Yarn | Gradle | JUnit | MS Office

**PROJECTS:**

**Interactive Resume Personal Website**, kellenschmidt.com

* Created an interactive resume website completely from scratch to showcase my technical abilities
* Written in Angular 5 and styled responsively with Bootstrap 4 and Material Design
* Architected and implemented a RESTful API to dynamically load and manage the site’s content
* Containerized using Docker to standardize development and deployment of the application as a whole

**URL Shortener Website**, kellenschmidt.com/url

* Developed a website using Angular 4 and a RESTful API to create, manage, and redirect short URLs
* Built robust user account functionality utilizing JSON web tokens, password hashing, and authentication
* Hosted on an AWS instance configured with a LAMP stack and Apache virtual host subdomains

**GeoDeals Web App**

* Implemented the back-end of a web app to let users post and vote on shopping deals in their area
* Exposed a RESTful API written in PHP to enable front-end interaction with the back-end SQL database
* Launched and configured an AWS EC2 instance with a LAMP stack to host the application

**GroceryQuest Web App**

* Implemented the front-end of a web app using Angular 2 that allowed users to create and optimize grocery lists
* Collaborated with 3 other students to develop the application and pitch it to classmates and professors

**Wikibooks Search Engine**

* Created an inverted file index search engine with TF/IDF relevancy ranking and Boolean query processing
* Parses the Wikibooks website (200,000 XML pages) into one of 2 different underlying data structures

**ACTIVITIES:**

Competitive Soccer Referee (2012-present)

* Refereed top-level competitive youth, adult, and college matches, learned analytical and communication skills

##### Kappa Sigma Fraternity (2015-present)

* Served as Academic Chair, organized studying events and tutored and mentored new members