

Kellen Schmidt

Kellenschmidt31@gmail.com • 208-949-6213 • Dallas, Texas • Kellenschmidt.me • [Linkedin.com/in/KellenS](https://www.linkedin.com/in/KellenS)

OBJECTIVE: To obtain an internship or co-op in a technical computer science position.

EDUCATION: **Southern Methodist University** Dallas, TX
Bobby B. Lyle School of Engineering Grad Date: May 2019
Major: Computer Science GPA: 3.92

SKILLS: Java | C++ | Python | HTML | CSS | JavaScript | PHP | Angular 2 | MySQL | Scrum | Android | Windows | Linux | GitHub | NetBeans | QT Creator | Visual Studio | MS Office

<u>RELEVANT</u>	Data Structures	GUI Design	Digital Logic Design
<u>COURSES:</u>	Databases	Info Assurance and Security	Assembly Language
	Algorithms	Programming Languages	Engineering Design

WORK EXPERIENCE:

IT Intern – Application Development, Lehigh Hanson Mar - Aug 2017

ENGINEERING PROJECTS:

GeoDeals Web App Spring 2017

- Implemented the back-end of a web app to let users post and vote on shopping deals in their area
- Used Slim and a LAMP stack to expose a RESTful API and Angular 4 front-end
- Designed a MySQL database and wrote endpoints using SlimPHP to interact with the database

GroceryQuest Web App Fall 2016

- Designed and implemented a web app that allowed users to create and optimize grocery lists
- Collaborated with 1 other student to develop the user interface using Angular 2
- Includes complete HTTP integration with a database using a RESTful API

Wikibooks Search Engine Spring 2016

- 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
- Generates and reads from a persistent index with a functional GUI

First Year Engineering Robot Fall 2015

- Worked in a Scrum group of 6 engineers to construct and program a robot from scratch
- Programmed to autonomously navigate an obstacle course while competing objectives such as locating a soil source, testing percent water concentration, and measuring wind speed and ambient temperature
- Finished 2nd out of 16 teams

PERSONAL PROJECTS:

URL Shortener Website Fall 2017

- Developed a website using PHP, HTML and a SQL database to create, manage, and redirect short URLs
- Published to the internet and hosted by Amazon Web Services, kellenschmidt.com

Android Tip Calculator App Spring 2015

- Calculates restaurant tip using keyboard input and a slider to select tip percent
- Published to Google Play Store, <https://kellenschmidt.com/563>

ACTIVITIES:

EarthHack Hackathon (2017)	SMU Computer Science Club (2016-present)
HackDFW Hackathon (2016)	University Honors Program (2015-present)
Boise Code Camp (2016)	Kappa Sigma Fraternity (2015-present)