

Kellen Schmidt

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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: HTML/CSS/JavaScript | Angular 2 | PHP | MySQL | LAMP Stack | Java | C++ | Python | Scrum | Android |
GitHub | NetBeans | QT Creator | Visual Studio | MS Office

RELEVANT	GUI Design	Advanced Web App Programming	Data Structures
COURSES:	Databases	Mobile App Development	Information Security
	Algorithms	Scientific Computing	Digital Logic Design

WORK EXPERIENCE:

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

- Created a custom CSS extension for Bootstrap 4 written in SASS to automatically apply the company's UI style to its current and future web applications
- Performed User Acceptance Testing on a flagship web application during development and deployment

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

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 completing 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/url

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/tip-app>

ACTIVITIES:

EarthHack Hackathon (2017)	Boise Code Camp (2016)
HackDFW Hackathon (2016)	Kappa Sigma Fraternity (2015-present)