

# Davis Robertson

computer science enthusiast

## contact

<http://daviskr.com>  
[davis@daviskr.com](mailto:davis@daviskr.com)  
[linkedin.com/in/daviskr](https://www.linkedin.com/in/daviskr)  
(832)-459-4430

## proficiencies

java, python, javascript

## familiarities

C#, C, Haskell, SQL

## experience

flask, falcon, react  
native, node.js, git

## interests

software engineering,  
web development,  
theory

## courses

data structures honors,  
discrete math honors,  
vector calculus honors

## education

- 2016-2020 **The University of Texas at Austin** (Turing Scholar) Austin, Texas  
B.S. in Computer Science  
Turing Scholars Honors Program
- 2012-2016 **Klein Oak High School** (KOHS) Spring, Texas  
GPA: 5.5829 on 4.0 scale  
Class Rank: 3 out of 902

## work experience

- 06-08 2016 **Hewlett Packard Enterprise** Houston, Texas  
*Software Engineering Intern*  
- Worked on interface for customizing firmware stack  
- Wrote UEFI code with C, interface with C#
- 2014-2015 **Klein Independent School District** Klein, Texas  
*IT Summer Intern*  
- Repaired desktops, document cameras, and projectors  
- Inventoried the technology equipment of all of the campuses  
- Created different macros to process all of the collected data

## projects

- Oct 2016 **SubSearcher** (TamuHack) College Station, Texas  
- Chrome extension to search subtitles on YouTube videos  
- Placed Top 10, Picked Favorite by QuantLab Financial LLC
- Spring 2015 **King of the Sketch** (CodeDay Hackathon) Houston, Texas  
- Real time web sketching competition using Node.js and Socket.io  
- Won 1st Place (Top Overall)
- 2014-2015 **Panther Den Organization System** Klein Oak High School  
- Study-hall assignment web-program to be used by teachers  
- Worked on Python back-end using Falcon and SQLAlchemy
- 2013-2014 **Speedrun Timer Website** Klein Oak High School  
- Real-time timer website for racing against friends  
- Webserver written in Python using Flask  
- Real-time race server written with Node.js and Socket.io

## activities

- 2013-2016 **Zeta Omicron** - Computer Science Honor Society Klein Oak High School  
*President (12th-Elected), Vice President (11th-Elected), Treasurer (10th-Elected)*  
- Charter member and Co-founder of organization  
- Focus on outreach, tutoring, guest speakers, and competitions
- 2012-2016 **UIL Computer Science** - Competitive Programming Klein Oak High School  
- Competed in over 20 CS competitions of individual and team challenges  
- Placed 4th individually at 6A Regionals (2015, 2016)