

Davis Robertson

computer science enthusiast

contact

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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 **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

- 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)