Alexander Wlezien
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GitHub: https://github.com/zlex7

Education

Liberal Arts and Science Academy   **Austin, Texas**
High School   *2013-2017*
I graduated from the Austin high school magnet.

University of Texas at Austin   **Austin, Texas**
, B.S in Computer Science   *2017-present*
I am currently a freshman studying computer science at the University of Texas

Skills

Programming Languages: C/C++, Java, Python, Ruby, Bash

Web: Javascript, JQuery,HTML/CSS,Bootstrap,Sass,AngularJS,NodeJS,MongoDB,MySQL

Frameworks: Java:Spark/Swing/Spring,Python:Django/Flask/Numpy/Pandas

Other: Apache, Git, LaTeX, MySQL, Open Office, SolidWorks

Programming Projects (can be found on my github)

JText : This is an editor and Java IDE I developed for my personal use. It currently has support for creating, opening and editing files, as well as syntax highlighting of keywords. Developing this using Swing gave me exposure to graphics frameworks for the first time.

ComeBackKing: This is a Pebble Smartwatch app I developed that gives the user a joke, compliment on demand. It was a great way for me to learn C, as well as get involved with smartwatch software development.

HeatIsland: This is a mobile application to help the city of Austin Environmental Department record the location and temperature of local heat islands.

Experiences

Texas Department of Public Safety   **Austin, TX**
Cybers Security Intern (30+ hours/week)   *June-August 2017*
Worked in cybersecurity division of Texas DPS. Tasks included writing python scripts to automate much of the work in the office, such as scanning computers for certain malicious files, and analyzing malicious javascript. Also, I worked on implementing The Hive's (a security management system) API into our daily workflow to increase efficiency and automate scanning of machines. Finally, I helped the network security and dev ops division migrate firewalls and email server appliances.

Austin Spark League   **Austin, TX**
Student/Intern   *July-August 2015*
Entrepreneurship program led by business and technology professionals. I worked on a Pebble Smartwatch app that simulates probability for the user in an interactive and visual way.

ACES(Austin Chinese Education Service)   **Austin, TX**
Chess Teacher   *July 2014*

Taught chess to youth of preschool/kindergarten age.

Honors

Texas State UIL Computer Science Competition, 5A First place team: April 2017

Texas, Region IV UIL Computer Science Competition, 5A First place team, Fourth place individual: April 2017

Austin District UIL Computer Science Competition, First place (team), Third place (individual): March 2017

UIL Computer Science Invitational at Oracle Corp., Second place: February 2017

Top 32 chess players in U.S. (in age group): March 2017

National Chess Master title achieved: April 2016

Summer Activities

CODE@TACC (Texas Advanced Computing Center)   **Austin, TX**
Student   *2015*
Program in high-performance computing and electronics at UT-Austin. Programmed on Linux OS using Raspberry Pi's to develop various programs, specifically with a focus on 2D graphics.