

Alexander Wlezien

a.wlezien@gmail.com • github.com/zlex7 • alexwlezien.com • 267-315-3998 • 5921 Mount Bonnell Road, Austin, TX 78731

EDUCATION

University of Texas at Austin

B.S. in Computer Science and Math

Austin, TX

Class of 2021

Coursework: Data Structures, Discrete Math, Multivariable Calculus

Liberal Arts and Science Academy

High School Diploma - Distinguished Plan - GPA 3.75 unweighted

Austin, TX

Class of 2017

Coursework: AP Computer science, Web apps, Adv. computer science, Independent study in Comp. Sci.

SKILLS

Proficient: Java, Python, JavaScript, Bash **Intermediate:** C/C++, Ruby, Rust

Web: HTML/CSS, Bootstrap, AngularJS, NodeJS, MongoDB **Tech:** Android, Git, Linux, LaTeX

EXPERIENCE

MTY Academy, Inc.

Austin, TX

Web developer/designer

July 2017-present

- Single-handedly redesigning and rebuilding company web app for students, teachers, and administrators.
- Utilizing Java with MySQL for back end, as well as HTML/CSS with Sass and Javascript for front end.
- Reimplementing admin structure as well as a homework submission and grading system.

Texas Department of Public Safety

Austin, TX

Cyber security intern

June-August 2017

- Automated security incident response using Python and the HIVE management system.
- Implemented Sophos Central API into workflow, allowing for programmatic data gathering and analysis.
- Analyzed malicious files and evaluated threat level for use in weekly security report.

Austin Spark League

Austin, TX

App development student

July-August 2015

- Entrepreneurship program led by business and technology professionals.
 - Led team of five people to design and build two Pebble Smartwatch applications.
 - Developed main app using C with the Pebble SDK, created custom API with Javascript.
-

PROJECTS

ABIDE (Always Better Interactive Development Environment)

- Text editor and IDE written in Java with the Swing framework.
- Individual side project designed to streamline development of future personal projects.
- Wrote algorithms to support syntax highlighting and compile/run for multiple languages.

HeatIsland

- Android app to record location and temperature of heat islands for the Austin Environmental Dept.
- Directed a team of four to effectively and efficiently finish application within four-week deadline.
- Responsible for building web-based database and designing mobile UI to interactively complete submissions.

JSONNow

- Web app to validate, format and color code JSON using custom written parser.
 - Developed a recursion-based algorithm to support parsing and serialization of JSON data.
 - Optimized parser efficiency to perform close to or within the standards of many Java-based parsers.
-

HONORS

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

April 2017

Texas, Region IV UIL Computer Science Competition, 5A first place team, 4th place ind.

April 2017

Tex E. Schramm Freshman Scholarship (awarded by Phi Kappa Psi)

August 2017

National Master of Chess (awarded by USCF)

April 2016

ACTIVITIES

High school Computer Science Club, Competitive Programming, Team captain

2015-2017

Founder and president of high school Chess Club

2015-2017