
Alexander Clines

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Home Address

2926 East Autumn Run Circle
Sugar Land, TX 77479

Current Address

2520 Marsha Sharp Freeway
Apt. 418
Lubbock, TX 79415

Skills and Proficiencies

Programming Languages

Strong in C, C++, Java, Android
Moderate in Python, C#, CUDA

Web

JSON, familiar with Node.js

Environments

Eclipse, VIM, Visual Studio, IntelliJ, CLion,
Android Studio

Databases

Moderate in MySQL and JDBC

Operating Systems

Windows, Debian/Ubuntu Linux

Tools

Git, Putty, Squirrel SQL Client

Education

Texas Tech University, Lubbock, TX

Anticipated Graduation: May 2017

Whitacre College of Engineering

Bachelor of Science - Computer Science

Major GPA: 3.59

The College of Arts & Sciences

Bachelor of Science - Mathematics

Major GPA: 3.61

Experience

USAA Plano, TX

Software Development & Integration Intern

May 2015 - August 2015

Worked as a developer on the back-end services of a mobile application.

Tasks included:

- Building web service calls for the mobile application using a RESTful architecture.
- Implementing business and service logic using J2EE
- Connecting to DB2 databases using Java Database Connectivity Technology
- Manipulating the databases with SQL to handle saving and retrieving data

Texas Tech University Lubbock, TX

August 2015 - May 2015

Mathematics Tutor

Assisted students in acquiring better understanding of basic and complex concepts in various undergraduate mathematics courses.

Hone Inc. Lubbock, TX

June 2014 - May 2015

Android Application Developer

Designed and developed Android applications for local businesses. Would work directly with the business in order to tailor the application to their needs.

Texas Tech University Lubbock, TX

January 2014 - May 2014

Research Assistant

Assisted a professor in his research area of natural language processing

Tasks included:

- Opinion Classifier Research (Researched various opinion classification algorithms, determined which algorithms would be best suited for the project based on efficiency and implementation, then presented my findings to the group)
- Opinion Classifier Application (Wrote python scripts to apply the algorithms to data sets and collect results)

Activities / Campus Involvement

Association for Computing Machinery, Member- Spring 2014 to Present

Software Development Club, Group Leader, Android Development Trainer - Spring 2014 to present

- Student run organization whose goal is to assist members with unique projects that can prepare them for a professional atmosphere while gaining experience in a creative environment.
- Co-leader of weekly meetings geared to help members learn concepts and implementations of algorithms and data structures
- Taught Android development and source control with Git to members
- Co-leader of Android development team

International Collegiate Programming Contest (ICPC), Member - Spring 2014 to Spring 2015

- Work in teams to design and build programs to solve problems using C++ and Java in a timed, competition format.
- Collaborate to learn advanced algorithms and problem solving skills.

References

Available upon request