

# ZIHAN WEI

(+1) 979-422-0782 ◇ zihanwei55@gmail.com  
zihan66.github.io

## OBJECTIVE

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Seeking Intern Opportunities in Computer Science for Summer 2019

## EDUCATION

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**Texas A&M University, College Station, Texas**

*August 2016 - May 2020(Estimated)*

Bachelor of Science, Computer Science

Minor in Mathematics

## SKILLS

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Programming Languages: C++, Java, Matlab, HTML5&CSS, Haskell

Tool&OS: Git, ANTRL4, Linux

General: Strong time-management, Work under pressure, Passionate about learning new technologies

## PROJECTS

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### **Database Management System**

*Team leader*

- implemented in Java the core functions of a simple DBMS
- used ANTLR4 to build the parser.
- parsed XML in Java and loaded data to DBMS

### **Sliding Puzzle**

*Team leader*

- led team develop an interactive game written in C++, with use of FLTK graphics library
- used GNU Make to compile and run the source code
- managed teamwork through Git

### **BuddyAllocator**

*Individual Project*

- implemented a buddy-system memory manager in C++
- used UNIX development tool such as GDB, make, etc.
- became deeply familiar with pointer management and array management in the C/C++

### **CodeRedURL**

*Team member*

- developed a URL shortener website during CodeRed hackathon.
- built the back-end through Node.js
- used Bootstrap to design web page

## LEADERSHIP EXPERIENCE

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### **Corps of Cadets**

August 2016 - Present

- Provided academic support to a 60-person outfit, as scholastic corporal
- Underwent systematic leadership, military, and physical training