

Michael William McClung

Cell: 469-766-8852 | michael.mcclung08@gmail.com | [Linkedin.com/in/mrmcclung](https://www.linkedin.com/in/mrmcclung) |

Active Secret Clearance

EDUCATIONAL BACKGROUND

Texas Tech University, Lubbock, TX
Bachelor of Computer Science

Graduation date: May 2020
GPA: 3.58

Richland Community College, Dallas, TX
Associate of Science

Graduation date: Dec 2018
GPA: 3.24

PROJECTS

CS 2365, Object Oriented Programming, Online Shopping System May 2019

- Assembled and organized our sequence and class diagrams
- Implemented **JAVA** code through object oriented programming practices

CS 2413 Data Structures, Unix File System May 2018

- Design a simulation of a shell prompt in Linux or a command prompt of Windows
- Implemented basic functions mkdir, touch, cd, ls, help, and exit in **C++** which was user friendly

ECE 3362, Microcontrollers, Speaker Project Apr 2017

- Programmed in **C** on MSP430G to play short segment of the song Tokyo Drift through external speaker
- Designed one button to play, pause, or continue to play from paused location

ECE 1304, Intro to ECE, Plant Placement Analyzer (PPA) Nov 2016

- Coded classes in **C++** on Arduino to detect humidity, temperature, soil moisture, and luminosity sensors
- Collaborated with another team mate to program display board, buttons, and overall function code

WORK HISTORY

Northrop Grumman, Huntsville, AL

Software Engineer – Intern

Jun 2019 – Aug 2019

- Participated in the Integrated Air and Missile Battle Defense Command System project (IBCS)
- Pair-programmed, learned, and developed **JAVA** unit testing code/ **Linux** system & terminal commands
- Contributed in daily **Scrum** meeting methodologies and accompanied other weekly meetings

GTI- Global Technologies Integrators, Dallas, TX

Lead Programming Technician

Jan 2015 – Aug 2016

- Executed a build out of Audio Video infrastructure at a 2500-person Raytheon campus in 3 buildings over a 6-month period
- Collaborated and programmed conference rooms, projector systems, racks, and digital signage
- Lead a team project for AV framework at Murata Electronics, N.A., Inc.

ORGANIZATION INVOLVEMENT

Rawls Information Security Association (RISA)

Feb 2018 – Present

- Joined Video Game Development committee to build games in **C** using Unity and Autodesk Maya
- Engaged in career development activities and participated in networking events

Association of Computing Machinery (ACM)

Nov 2016 – Present

- Attended tutorials sessions to improve programming skills and networked with other students
- Participated in Workshop to program facial recognition in **Python** with Microsoft Cognitive Services

TECHNICAL SKILLS

- Programming language knowledge levels:
 - Intermediate: Java, C, and C++
 - Beginner: HTML5, CSS, MatLab, and Assembly

HONORS / AWARDS

Presidents Transfer Scholarship

Sep 2016 – May 2018

Ethical Hacking/Penetration Testing Micro Certification (RISA)

April 2018