# Matthew Loden

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**OBJECTIVE**

To prepare myself for experience in the world of work as I continue in the field of Computer Engineering at Texas A&M University

**EDUCATION**

**High School Diploma**                 **August 2013 – May 2017**
*A&M Consolidated High School, College Station, Tx*
- Four years of Technology Oriented Classes

**Texas A&M University**                **August 2017 - Present**
*College of Engineering, College Station, Tx*
- Completed Three Years in Computer/Electrical Engineering
- Numerous Teamwork Opportunities and Team Based Projects
- Showed Proficiency in FPGA coding

**PROFESSIONAL EXPERIENCE**

**Camp Millican Camp Counselor**             **Summer 2018**
*Millican, Tx*
- Cleaned and prepared the house and surrounding area each day
- Responsible for ten to twenty kids aged 9-16
- Led the students in learning activities related to outdoors and the fine arts
- Directly responsible for the physical well-being of all students under my care

**ACTIVITIES**

**Skills USA Chapter 3561**           **September 2015-June 2017**
*A&M Consolidated High School, College Station, Tx*
- Elected Chapter Officer and have planned organization logistics
- Help plan and carry out several projects per year
- Obtained hours doing community services

**Higher level Technology Classes**           **2013 – 2017**
*A&M Consolidated High School, College Station, Tx*
- Highschool taught, high level computing and coding classes
- IT based field which focused on hardware and software aspects of computing
- Participated in multiple computer security and repair-based competitions
- In charge of multiple projects involving computer diagnostic and study

**Class Lab work**                     **2017-Present**
*Texas A&M*
- Created a function state machine modeled after a traffic light
- Implemented a single cycle processor within an ARM environment
- Created a http network file transfer
- Designed numerous amplifiers and electronic circuit systems

**LANGUAGES**

Proficiency: C,C++,Verilog,MATLAB
Limited: Python, HTML/CSS