

# Matthew Loden

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## OBJECTIVE

To prepare myself for experience in the field of integrated circuit design while I continue my education 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 Four Years in Computer/Electrical Engineering
- Numerous Teamwork Opportunities and Team Based Projects
- Showed Proficiency in FPGA Implementation

## 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

## Projects

### Electrical Engineering Projects

- Design of simple BJT/MOSFET circuits
- Designed various Cascade/Cascode amplifiers
- Demonstrated various feedback properties with a feedback amplifier
- Constructed a basic BJT Operational Transconductance Amplifier (OTA)

### Computer Science Projects

- Coded a file transfer method using the internet
- Built a system for a client to communicate with a server
- Created a personal website displaying material about myself and accomplishments
- Implemented a recommendation algorithm using information returned from an API
- Used an API to update information on a webpage based on a user's history

## LANGUAGES/Skills

### Computers

- Proficiency: C, C++, Verilog, JavaScript
- Limited Proficiency: Python, HTML/CSS, Java

### General Skills

- Extensive Microsoft Office Proficiency
- Previous Sales/Customer Service Skills
- Clear and Thorough Presentation

My **GitHub** Link and **Website** information are shared below

**GitHub:** <https://github.com/matthewloden/myWebSite.git>

**My Personal Website:** <http://people.tamu.edu/~matthewloden>