

# Claire Seidel

Dedicated university student with experience in circuit building, programming, and project management looking to enhance technical skills and knowledge. Possesses an aptitude for leadership, proficient time-management skills, and a fervent desire to learn.

## Experience

### Hardware

Designed and constructed various amplifiers and buffers utilizing both Bipolar-Junction Transistor and MOSFETs

Systematically tested and adjusted stages of circuits with the use of an Analog Discover 2 to improve overall performance

Analyzed resistive, inductive, and capacitive circuits to better understand functionality

### Software

Extensive use of Verilog HDL to design structures of circuits for specific application

Created functioning programs in both C++ and Python

### Applicable Coursework

Electronics  
Electrical Circuit Theory  
Signals and Systems  
Digital System Design

## Skills

Circuit Design · Multisim · SPICE Simulations · C++ · Python · Verilog HDL · Microsoft Office

Problem Solving · Communication · Quick Learning · Creative · Detail Oriented · Motivated · Solution Driven

## Contact

(512) 988-0904  
claireseidel@tamu.edu  
Rosanky, TX 78953  
linkedin.com/in/claireseidel

## Education

Pursuing B.S. in Electrical Engineering,  
Minor in Mathematics  
Texas A&M University  
College Station, TX  
August 2019 – May 2023  
GPA 3.869/4.00

High School Diploma – Valedictorian  
Smithville High School  
Smithville, TX  
August 2015 – May 2019

## Extracurricular Activities

Institute of Electrical and Electronics Engineers  
September 2020 – Current

Catholic Student Association  
September 2020 – Current

FIRST Robotics Program – President  
August 2016 – May 2020  
Smithville High School