ISAIAH **YOUNG**

(830) 370 – 7101 youngisa12@gmail.com College Station, TX

EDUCATION

**B.S. MECHANICAL ENGINEERING**

*Texas A&M University 2016 – 2020 GPA* ***3.45***

EXPERIENCE

**SOFTWARE ENGINEER**  ENERGY SYSTEMS LAB JUNE 2019 – PRESENT

* Learn and write full stack code for data analysis and visualization
* Develop front-end, user-oriented interfaces
* Debug, maintain, and improve self-documenting legacy code
* Collaborate with team of 8 engineers to design unit-tested software

**MANAGER** McDONALD’SFEB 2013 – AUGUST 2016

* Managed a crew of around 15 people much older than myself in a fast-paced environment
* Engaged in conflict resolution with customers and co-workers
* Trained around 20 new workers and ensured above-and-beyond customer service

PROJECTS

**WEBSITE PORTFOLIO** *Not Yet Published*

* Utilized the .Net Framework to create a Model-View-Controller Web application
* Built the entire site from scratch, with no template, in under five weeks
* Learned the process of deploying a web application from conception to publishing

**BIAXIAL TENSILE TESTER**

* Developed a removable attachment for a uniaxial tensile machine that adds a second axis of tension
* Utilized full design life cycle and personally focused on project management and risk assessment
* Personally managed digital image correlation data retrieval to map stress-strain fields on specimen

**SOLAR HEATED OVEN**

* Designed, built, and evaluated a functional solar oven with range up to 130°F and a budget of $80
* Utilized Arduino to control the system’s mechanics and sensors

LEADERSHIP

**CO-CREATOR, EXECUTIVE** BARK IN THE PARK AUG 2015 - AUG 2016

* Increased shelter adoption rates at by 30% while an executive
* Managed all program aspects including operation, revenue, and volunteer acquisition for 1 year
* Praised by Director of Environmental Health for Kerrville for program’s initiative and effectiveness

**PRESIDENT, PROJECT ID**  BUCC BIG EVENT AUG 2016 – MAR 2017

* Identified 5 projects throughout the community and supervised sites, executives, and funding
* Worked directly with the city of Brenham, Blinn College, and clients to establish goals
* Completed all projects under budget while leading a team of 80 volunteers

**SKILLS**

C# (.Net)

JavaScript

HTML & CSS

SQL Database

Microsoft Office

MATLAB & Python

Communicative

Adaptable

Collaborative