

ISAIAH YOUNG

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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'S

FEB 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