

Hondo Reilly

MMET Engineering Student

hondoreilly@gmail.com

(512) 968-3251

hondoreilly.com

SUMMARY

- Texas A&M Junior studying Manufacturing and Mechanical Engineering Technology (MMET)
- Broad experience working in software startups and manufacturing.
- Energetic, fast learner with strong communication skills

EDUCATION

Texas A&M University

College of Engineering (MMET)
Class of '27 | 4.0 GPA
Dean's List

Waterloo School of Austin

Project Based High School
Graduated '22 | Salutatorian

Hello World Studio

4 year after school program;
learned Unity, C#, HLSL, Python,
HTML, and CSS

SKILLS

Engineering

AutoDesk Inventor, AutoDesk
Fusion 360, OnShape

Manufacturing / Machining

CAM, Milling, Lathe, 3D Printing

Front-End Development

HTML, CSS, JavaScript, React,
ThreeJS, Electron, Tailwind CSS

Back-End Development

Node.js, Express, MongoDB, C#,
Python, OpenRouter

Others

Unity Game Engine, Photoshop,
Illustrator, InDesign

EXPERIENCE

Research Assistant for MMET 380 | Texas A&M

Jan '26 - Present

Designing and creating standardized laboratory procedures for Computer-Aided Manufacturing coursework under the direction of Dr. Wayne Hung.

Engineering Intern | US Conec

May '25 - Aug '25

Designed and implemented DfM-focused machine guarding for injection molding presses to preserve safe operator access and enable fast changeovers through modular design.

Full Stack Developer | SnapOrder

Jan '23 - Aug '23

Worked directly with founder as sole developer to determine requirements; designed and developed website, APIs, and databases from scratch.

Front-End Developer | Name Dibs

Jun '22 - Dec '22

Designed and programmed start-up's website. Daily interaction with CEO and Lead Programmer provided exposure to business strategy, design optimization, and marketing.

QA & UI Design Intern | Mod Tech Labs

May '21 - Aug '21

Conducted quality assurance testing, designed user interfaces, and documented existing Python code for the artificial intelligence start-up's mobile and web applications.

ACTIVITIES

Theta Chi | Vice President of Health & Safety

Feb '24 - Present

Developed and executed risk-management strategy and delivered safety training to all members.

Robomasters | Standard Robot Team

Sept '24 - Present

Researched, designed, and manufactured hardware for robot competition in the U.S. and China.