Weston Mauz

Mechanical Engineer – Computer Scientist – Creative – Leader

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Home   Austin, TX, USA
Citizenship United States of America
CV   *https://wmauz677.github.io/mauz-cv/*

Experience

Samsung Austin Semiconductor
Austin, TX – *Chiller Engineer*

January 2023 - current

Applying data science to improve the manufacturing process, specifically in regards to Chillers

Taiwan Semiconductor Manufacturing Company
Tainan, Taiwan – *Equipment Engineer*

March 2021 - April 2022

Sponsor of Atomic Layer Deposition Furnace Tools for 5nm semiconductor manufacturing process

Wunderman Thompson Mobile
Denver, CO – *Associate Software Developer*

August 2019 - May 2020

iOS development: features, bug fixes, core data, networking, & team coding

Education

California Institude of Technology
Online Certificate – *AI & Machine Learning*

August 2022 - January 2023

Colorado School of Mines
Golden, CO — *B.S. Mechanical Engineering*

August 2014 - May 2019

Lakewood High School
Lakewood, CO – *International Baccalaureate*

May 2014

General Skills

- Learning
- Leadership
- Technical Writing
- Organization

Computer Science Skills

- Software Development
- Data Science
- Machine Learning
- Artificial Intelligence
- Cloud Databases
- Python
- C++
- HTML / CSS
- UNIX
- Swift 5 + Swift UI
- XCode

Engineering Skills

- Troubleshooting
- Problem Solving
- Analysis
- Project Management
- AutoCAD
- SolidWorks

About

The most valuable skills that I offer as an employee are my abilities to lead and to learn. I value quality, integrity, intention, curiosity, and attention to detail.

Languages

English – Native Speaker

Spanish – Basic