

EDUCATION

Texas A&M University · Aug. 2019 to May 2023
B.S. Computer Science 2023

SKILLS

CODING LANGUAGES: C++, C#, Python, HTML/CSS, SQL, Javascript

FRAMEWORKS: Flask, Node.js, React, React Native, .NET Framework, OpenGL

LANGUAGES: English, Korean

TOOLS: AWS, Git, PostgreSQL, MongoDB, Railway, Vercel, WordPress

EMPLOYMENT

Samsung E&C America Inc.

Quantity Surveyor · May 2022 to Aug. 2022, Aug. 2023 to Current · Taylor, TX

- Manage +4 electrical contractors for the Samsung Austin Semiconductor in Taylor.
- Verify multimillion-dollar change orders from contractors, reviewing all aspects of the proposal.
- Review lump sum contracted scope of work, contract clarifications, and Contract Sum.

Arbin Instruments

Software Engineer Intern · May 2022 to Aug. 2022 · College Station, TX

- Designed a .NET Framework software using C# for the 'Spec Sheet Generator Project'.
- Created Arbin's first fully automated Specification Generating tool, making it less labor-intensive and improving the scalability and reliability of Arbin's documentation.
- Developed 'TreeView' and 'FileReader' software to demonstrate an in-depth understanding of the Recursive Algorithm and OOP design.

Texas A&M University

Undergraduate Researcher · Sept. 2022 to May 2023 · College Station, TX

- Researched under Professor Yoonsuck Choe at Texas A&M University.
- Implemented a convolutional neural network (CNN) machine learning algorithm to understand better how receptive fields work.
- Successfully displayed the differences in trained model weights from typical image datasets to texture datasets.

Undergraduate Researcher · Nov. 2021 to May 2022 · College Station, TX

- Researched under Professor Dilma Da Silva at Texas A&M University.
- Researched the most optimal platform to run a program focusing on quality output, fast runtime, and effective teamwork using serverless computing, leading to microservices.

PROJECTS

Personal Portfolio

May 2023 to Current

- Continuous development of my portfolio using React (frontend) and Node.js (backend).
- CI/CD on Vercel (frontend) and Railway (backend).
- Using Git as my main developer platform.

Han Austin Website

Apr. 2024 to June 2024

- Developed CSS, HTML, and JS Script for a website built on WordPress.
- Built frontend pages with backend database integration.
- The website mainly assists new Koreans in Austin, Texas to become more involved in various communities in Austin.

Senior Capstone Mobile App

Jan. 2023 to May 2023

- Company-sponsored project for Continuum Inc.
- Developed the entire frontend of the mobile app 'GivenShare' using React-Native, CSS, JS, and Python.