

## EDUCATION

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

## SKILLS

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**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

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### 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

- Design a .NET Framework software using C# for the 'Spec Sheet Generator Project'.
- Create Arbin's first fully automated Specification Generating tool, making it less labor-intensive and improving the scalability and reliability of Arbin's documentation.
- Develop '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

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

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

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

## PROJECTS

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### 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

- Develop CSS, HTML, and JS Script for a website built on WordPress.
- Build 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.
- Develop the entire frontend of the mobile app 'GivenShare' using React-Native, CSS, JS, and Python.