

# Hanbit Kang

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Personal Website (Portfolio): <https://hanbitkangportfolio-5urh-hanbitkang314anos-projects.vercel.app/>

Fluent Languages: English, Korean

## EDUCATION

**Texas A&M University**  
B.S. IN COMPUTER SCIENCE  
College Station, TX |  
Graduated: May 2023  
GPA: 3.545

## SKILLS

C++ • C# • Java • Python • L<sup>A</sup>T<sub>E</sub>X • HTML  
JavaScript • React Native • API • Ruby  
SolidWorks • Node.js • React • OpenGL  
Bootstrap • Heroku • GitHub • GUI FXML  
Microsoft Office • .NET Framework • SQL

## COURSEWORK

Discrete Structure Computing, Database Systems, Design  
Analysis Algorithms, Programming Languages, Computer  
Languages, Design Process, Computer System, Computer  
& Network Security, Programming Studio, Machine  
Learning, Software Engineering, Computer Graphics

## EXPERIENCE

### SAMSUNG E&C AMERICA INC. | QUANTITY SURVEYOR

August 2023 – CURRENT | Taylor, TX

- Manage +4 electrical contractors for the Samsung Austin Semiconductor in Taylor.
- Verify multimillion-dollar change order proposals from contractors, reviewing unit rates, indirect costs, quantities, labor hours, etc.
- Review contracts with contractors to discuss the details of their scope of work, contract clarifications, and Contract Sum.

### ARBIN INSTRUMENTS INTERNSHIP | SOFTWARE ENGINEER INTERN

May 2022 – August 2022 | College Station, TX

- Design software that develops an automated battery specification document as the battery is tested using .NET Framework C#.
- Develop 'TreeView' and 'FileReader' software to demonstrate an in-depth understanding of the Recursive Algorithm and OOP design.
- Provide solutions to the 'Spec Sheet Generator Project', leading to Arbin's first fully automated Specification Generating tool, which makes the quotation process less labor-intensive and leads to improving the scalability and reliability of Arbin's documentation.

### MACHINE LEARNING RESEARCH | UNDERGRADUATE RESEARCHER

September 2022 – May 2023 | College Station, TX

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

### SERVERLESS PROGRAM RESEARCH | UNDERGRADUATE RESEARCHER

November 2021 – May 2022 | College Station, TX

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

### MINUTI COFFEE | MANAGER

September 2021 – April 2023 | College Station, TX

- Prepare and create personalized coffees, drinks, pastries, and gelatos for customers to enjoy.
- Complete paperwork nightly, calculating deposits and net sales.
- Manage and train employees effectively to complete orders, prepare pastries, clean equipment, and restock ingredients.

## PROJECTS

### HAN AUSTIN WEBSITE | FRONTEND DEVELOPER

April 2024 – CURRENT

- 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.
- Website: <https://www.hanaustin.org/>

### SENIOR CAPSTONE MOBILE APP | FRONTEND DEVELOPER

November 2021 – December 2021

- Company sponsored project for Continuum Inc.
- Develop the entire frontend of the mobile app 'GivenShare' using React-Native, CSS, JS, and Python
- APK File: [https://drive.google.com/file/d/1FzqyGduPk6zpPqL3eDebAF2xLM6V\\_BfT/view?usp=share\\_link](https://drive.google.com/file/d/1FzqyGduPk6zpPqL3eDebAF2xLM6V_BfT/view?usp=share_link)