Hanbit Kang | 6400 FM-423 Frisco, TX 75036 | Fluent Languages: English, Korean

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Personal Website (Portfolio): https://hanbitkang314ano.github.io/mywebsite

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_ATEX • 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. (SECAI) | DOCUMENT CONTROLLER (QS) August 2023 – CURRENT | Taylor, TX

- Maintain the quality and progress of the ongoing construction of the Samsung semiconductor manufacturing facility at Taylor.
- Currently working with SECAI's clients and contractors to complete Phase 1 of Taylor Semiconductor Construction.

ARBIN INSTRUMENTS INTERNSHIP | SOFTWARE ENGINEER INTERN May 2022 – August 2022 | College Station, TX

- Help design code that automates battery specification document as the battery is tested using .NET Framework C#.
- Developed TreeView and FileReader to demonstrate an in-depth understanding of the Recursive Algorithm and OOP design.
- Provided 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 eventually 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, using a convolutional neural network (CNN) to better understand how the receptive fields work.
- Successfully displayed the differences in 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.

COPPELL SOLAR CAR | STRATIGIST, HISTORIAN August 2017 – May 2019 | Coppell, TX

- Placed 2nd nationally in the electric solar division.
- Design and create solar panel frames that would mount to a trailer with a pivot system to angle the panels directly towards the sun.
- Create an Excel sheet that calculates battery percentages of two lithium-ion batteries in real time as one charges and use the other.
- Redesign the team website.

MINUTI COFFEE | MANAGER September 2021 – April 2023 | College Station, TX

- Trained to prepare and create personalized coffees, drinks, pastries, and gelatos for customers to enjoy.
- Completed paperwork nightly, calculating deposits and net sales.
- Managed and trained employees effectively to complete orders, prepare pastries, clean equipment, and restock ingredients.

PROJECTS

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

ABB MEMBER POINT TRACKER WEBSITE | Ruby, Rails, CSS, HTML January 2022 – May 2022

- Create a website with a project team that allows members and admins to keep track of members' points and sign up, update, and log attendance to events.
- Create frontend pages and integrate the backend database into the frontend.
- https://abb-tamu.herokuapp.com/