

Geon Kim

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EDUCATION

Bachelor of Science in Computer Engineering
University of Texas at Dallas

August 2019 - May 2023
GPA 3.54/4.00

TECHNICAL SKILLS

Programming Languages: C/C++, Java, JavaScript, React, Python, Verilog
Software: PSpice, MATLAB, Microsoft Office

RELEVANT COURSES

Computer Architecture	Digital Circuits
Computer Science I & II	Discrete Signals and Systems
Data Structure & Algorithm Analysis	Electronic Circuits
Probability & Stats	Electronic Devices
Software Engineering	Electrical Network Analysis
	Fundamentals I & II

PROJECTS

Simply Read: HackUTD Project Nov 2021-Dec 2021

- Formulated a website that simplifies articles with **React.js** and **TypeScript**
- Designed pipeline for text processing in our **Python** backend
- Adjusted visualization methods for user progress and frontend

Sorting Project Sep 2021 – Oct 2021

- Analyzed various sorting logics to calculate the execution time
- Built a website that displays the execution methods and results with **React.js** and **JavaScript**

AVL and BST Project Oct 2021 – Nov 2021

- Applied Nodes, Trees, and search logic to a program to process calculations
- Programmed with **Java**

Plan a Flight Project Nov 2021 – Dec 2021

- Operated with LinkedList and searching arrays to simulate the shortest route.
- Compiled with **Java**

EXPERIENCE

Intern, SAMWOO INDUSTRIAL COMPANY, Incheon, South Korea May 2021 – Aug 2021

- Coordinated with a senior engineer to customize machines.
- Automated core process of the machine to improve the efficiency of the query execution by 50%
- Adopted Samwoo's in-house systems and services to automate machines

HONORS & SCHOLARSHIPS

Academic Excellence Scholarship Recipient – UT Dallas August 2019 – Present

LEADERSHIP EXPERIENCE

Vice President, Korean International Student Association May 2019- Aug 2021