

Hyeokjin Jin

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EDUCATION

Georgia Institute of Technology

Bachelor of Science in Computer Science

GPA: 3.84/4.00

Atlanta, GA

Aug. 2023 – May 2026 (*Expected*)

Auburn University

Bachelor of Science in Computer Science

GPA: 4.00/4.00

Auburn, AL

Aug. 2022 – May 2023

TECHNICAL EXPERIENCE

Undergraduate Research Assistant

Aug. 2023 – Present

VIP Georgia Institute of Technology

Atlanta, GA

- Deployed updated code to microcontrollers for GPS and LiDAR modules in an autonomous vehicle using ROS
- Created udev rules to resolve randomized port paths on microcontroller boot-up for stable hardware connectivity
- Configured network access for the vehicle's onboard computer to SSH connections for streamlined remote management

PROJECTS

GameHawk | Java

May 2024

- Developed a Java program to solve Anagrams and Word Hunt puzzles from the iOS iMessage game "Game Pigeon"
- Optimized code to recursively find all letter permutations for the given Word Hunt puzzle board
- Implemented depth-first search algorithm and trie data structure to reduce output time from thirty seconds to under one second

Better Spotify Wrapped | Java, Android Studio, SQL, Spotify API

March 2024 – April 2024

- Designed and developed an Android app that enhances Spotify Wrapped with customizable features, allowing users to analyze their and their friends' music data across various date ranges
- Implemented user authentication, saved Wrapped summaries, friend lists, and incoming/outgoing user requests through a database
- Developed code to retrieve user data from the Spotify API and decode the API response

Gopü | Java, Android Studio, SQL, Google Maps SDK

Feb. 2024

- Designed and developed a hackathon Android application to locate nearby restrooms with tailored filters and a rating and review system for improved search accuracy and user feedback
- Utilized SQL to extract public restroom locations from the given Google Maps dataset
- Integrated Google Maps SDK to display an interactive map view and provide direct links to Google Maps for instant navigation

WORK EXPERIENCE

ACT/SAT Math Teacher

May 2024 – July 2024

Han Academy

Montgomery, AL

- Guided students in identifying patterns and question types across different sections of the ACT/SAT exams
- Solved and explained complex problems to ensure students understood the underlying concepts
- Taught ACT Math topics ranging from pre-algebra to pre-calculus

Hardware Manager (Part Time)

July 2022 – August 2022

Hyundai Mobis Alabama

Montgomery, AL

- Updated infotainment system software for new Hyundai vehicles
- Identified bugs and fixed errors found in infotainment systems

TECHNICAL SKILLS

Concepts: Data Structures, Algorithms, System Design, Object-Oriented Programming, Problem Solving

Languages: Java, Python, SQL, HTML/CSS

Developer Tools: Git, Docker, VS Code, Android Studio, PyCharm, IntelliJ

Frameworks: JUnit, React