

Hyeokjin Jin

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EDUCATION

Georgia Institute of Technology
Bachelor of Science in Computer Science
GPA: 3.84/4.00

Aug. 2023 – May 2026
Atlanta, GA

Auburn University
Bachelor of Science in Computer Science
GPA: 4.00/4.00

Aug. 2022 – May 2023
Auburn, AL

TECHNICAL EXPERIENCE

Undergraduate Research Assistant
VIP Georgia Institute of Technology

Aug. 2023 – Present
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 vehicle's computer to enable 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 by 97%

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

Apr. 2024

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

Gopü | *Java, Android Studio, SQL, 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 of 80,000+ locations
- Integrated Maps SDK to display an interactive map and provide direct links to Google Maps for instant navigation

WORK EXPERIENCE

ACT/SAT Math Teacher
Han Academy

May 2024 – Jul. 2024
Montgomery, AL

- Dedicated over 300 hours of 1v1 tutoring, specializing in test-taking strategies across different ACT/SAT sections
- Guided 20+ students achieve an average score improvement of 4-6 points on ACT and 150-200 points on SAT
- Helped 80% of students achieve target scores, resulting in higher acceptance rates at top-tier universities

Hardware Manager (Part Time)
Hyundai Mobis Alabama

Jul. 2022 – Aug. 2022
Montgomery, AL

- Updated infotainment system software for 500+ new Hyundai vehicles; identified and addressed existing bugs; and resolved system errors resulting in enhanced, reliable functionality with improved user experience for the interface

TECHNICAL SKILLS

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

Languages/Database: Java, Python, SQL, HTML/CSS

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

Libraries/Frameworks: JUnit, React