Robin (Hyunwoo) Kim

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY   **Atlanta, GA**
B.S. in Computer Science | GPA: 3.88   *August 2021 - Present*

- Concentration: Info & Info Networks, Systems & Architecture
- Relevant Coursework: Database Systems, Design of Operating Systems, Design & Analysis of Algorithms, Computer Networking
- Research: Conducting research on the Automated Algorithm Design team attempting to create algorithms with higher accuracy in identifying diseases such as Pneumonia based on the frontal chest x-ray picture of patients using Python, Tensorflow, Keras, and Transfer Learning.

EXPERIENCE

VERINT SYSTEMS INC.   **Alpharetta, GA**
Software Engineering Intern   *May 2023–Present*

- Implemented, integrated, and extensively tested the Datadog library using Java for a service deployed to 1000+ servers that allows developers to view status of the service for all customers at once
- Built dashboards, monitors, Service-Level Objectives from encompassing metrics that notify the team the status of the service for quick handling of an issue when it rises

GEORGIA INSTITUTE OF TECHNOLOGY   **Atlanta, GA**
Undergraduate Teaching Assistant   *August 2022–May 2023*

- Guided students for CS 1301, a programming course with 250+ students enrolled, helping students gain strong fundamentals of programming and Python language
- Created supplemental learning resources including study guides and language translation guide for Java, C, C++, C#, JavaScript, and Ruby from Python for students to advance their coding knowledge

PROJECTS

PLANT TOMODACHI | Unity, C#, Firebase

- Developed a location-based, plant collecting game for Google Solutions Challenge in a team of 4, serving as the main programmer and gameplay designer
- Utilized Firebase for shared database for plants and storing user data, enabling Google sign-in for ease of access for players

J-POP SONG RECOMMENDER | JavaScript, Python, Django, HTML, CSS

- Built and deployed a Web Application that allows users to discover new J-Pop music and learn more about their favorite artists, built using the Django framework and the PostgreSQL database
- Designed and implemented the database schema, creating a user interface for searching and browsing songs, and implementing recommendation algorithms to suggest relevant tracks to users
- Incorporated calls to APIs including Spotify, YouTube and deployed using Railway and CloudFlare

SKILLS & INTERESTS

- Technical: Python, Java, C, C#, JavaScript, HTML, CSS, SQL MySQL, PostgreSQL, Firebase, MongoDB, Django, Spring Boot, React, Datadog, Wireshark, Git, GitHub, Jira, Confluence
- Language: Fluent in English and Korean, conversational in Japanese
- Interests: Game Development, Basketball, Bouldering