Hyewon Ham

20 Edward Street
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LinkedIn | GitHub | Portfolio

Full-Stack Developer
Java | C# .net development | Agile/Scrum | Problem Solver

Summary of Qualifications

- Current student of Software Engineering Technology Advanced Diploma; Holds a Bachelor of Computer Science Engineering degree
- Experience with C#, Java, React, Python, RESTful API, MongoDB, Fast API, Next JS, Springboot, and AWS
- Knowledgeable of mobile application development (Android) and Microsoft .NET
- Skilled at user-friendly interface design, algorithms, and technical troubleshooting
- Demonstrated skill effectively in both team collaboration and working independently

Education

Software Engineering Technology Advanced Diploma   Jan. 2023 - Present
Centennial College, Toronto, ON   *GPA:* 4.2/4.5 (A)

Core Skills: C# Programming   Java Programming   Spring Boot
                Web Application Development   Linux/Unix OS   Advanced Database Concepts

Bachelor of Computer Science Engineering   Graduated in 2021
Inha Technical College, Incheon, Korea

Relevant Work Experience

Full-Stack Developer | Centennial College, Scarborough, ON   September 2024 - Present
- Designed and developed responsive and user-friendly UI components using Next.js, enhancing user experience and accessibility.
- Implemented RESTful APIs using Django to support seamless communication between front-end and back-end systems
- Engineered efficient and scalable back-end systems using Fast API, adhering to best practices for maintainable code architecture

Software Developer (Co-op) | Faubert Lab, Montreal, QC   Oct 2019 - Dec 2019
- Programmed functional and nonfunctional requirements of the system comprehensively
- Debugged the unexpected outputs and errors of the app by applying detail-orientation skills
- Attended weekly meetings with supervisor and colleagues to establish clear requirements

Select Project Work

Betting with Card | Faubert Lab, Montreal, QC | Professional Project
- Analyzed functional and non-functional requirements referring to academic paper
- Designed and updated user interface according to the result of the Scrum meeting

Shoes Locker | Academic Project
- Implemented Shoes Resell web application enables users to purchase and resell the product
- Assigned tasks to team members and managed tasks using Jira, project management tool for time management

Accessible Phone Application | Academic Project
- Implemented and tested STT and TTS functions using Google Cloud API for an application to support hard-of-hearing/deaf persons to make phone calls more accessible

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Black Jack Game | Academic Project

- Used skills in Java and JDBC to program the functional parts of a Black Jack game

Pizza Order Application | Academic Project

- Created and Designed Windows Form application using C#, which allows users to order pizza and see orders

Landmarks in Toronto | Academic Project

- Implemented and tested Google Map functionalities via Google Cloud API integration, introducing various tourist attractions in Toronto city for tourists

Photo Viewer Application | Academic Project

- Implemented favorites and zoom functions using JavaScript for a photo viewer website