

Sangbong Park

www.sangbong.dev | sangbong.park@outlook.com

TECHNICAL SKILLS

- Languages: C#, C, HTML, CSS, JavaScript, JAVA, Kotlin, Python and C++
- Development Tools: Visual Studio, Visual Studio Code, SQL Server Management Studio, Perforce, Azure Devops, Jira
- Database: SQL Server, Oracle SQL, MongoDB, MS-SQL and PL/SQL
- Technologies: Experienced in .Net core/framework, OOP, ASP.Net Core, SDLC, Rest API, Entity Framework, and XMAL

PROFESSIONAL EXPERIENCE

Junior Software Developer – Part-time | Peer Group | Kitchener, ON, CA (Remote) **Jun 2023 – APR 2024**

- Implemented recipe handling based on the SEMI Standard, ensuring compliance with industry protocols and efficiency.
- Developed and executed CRUD operations between HOST and Tool, tailored to meet specific customer requirements.
- Experienced in agile and iterative development approaches, with the ability to adapt and refine these methodologies.

Software Developer – Co-op | Peer Group | Kitchener, ON, CA (Hybrid) **MAY 2022 – AUG 2023**

- Implemented equipment automation software using C#.
- Developed UIs using WPF, Blazor, and MVVM architecture.
- Created interfaces using GRPC and WCF for server-UI connections.
- Customer support trip to get software running on site.

Staff Engineer | Samsung Electronics | South Korea **JAN 2012 – JAN 2019**

- Developed protocol software for communication processors in layer 1.
- Implemented sleep operations, power-saving, and dual sim features using C/C++.
- Analyzed and debugged KPI and field-testing issues.
- Documented software designs, source codes, and user guides for clients.

EDUCATION

Conestoga College | Waterloo, Ontario **SEP 2020 – APR 2024**

- Advanced Diploma in Computer Programming and Analysis.
- Conestoga Co-op Student of the 2023 Year Award Winners. Received for contribution to Peer group during co-op placement.
- GPA: 3.88/4.0: High Distinction

DanKook University | South Korea **MAR 2005 - FEB 2012**

- Bachelor of Engineering in Electronic Engineering

PROJECTS

Initiate News, Capstone Project | <https://github.com/Gemnnn/initiate-rest-api> **2024**

- Developed server utilizing ASP.NET Core Web API, with SQL Server as the database.
- Implemented server-side application using dependency injection to handle ChatGPT and NewsAPI service.
- Entity Framework and REST API with JSON for data management and communication.

Game Sales Website, College Team Project | <https://github.com/junseo-yang/virtual-game-store> **2023**

- Implemented a game sales website using ASP.NET Core MVC, ensuring a robust and user-friendly online platform.
- Spearheaded the program architecture and model design, laying a solid foundation for scalable and efficient functionality.
- Authored and executed comprehensive unit tests using Selenium, enhancing code reliability and performance.

Lot Tracking System, Peer Group Orientation Project **2022**

- Designed a server-client architecture using C# and SQL Server.
- Developed UI using WPF and MVVM, connected to the server via REST API.
- Created a WEB API server on ASP.NET, integrating with SQL Server via Entity Framework.

Individual Web Sites | Blazor Frameworks | admiring-sammet-3a7ca8.netlify.app **2021**

- Developed individual websites using Blazor Frameworks and ASP.NET Core.
- Deployed client pages and connected databases using RESTful APIs.

Patent Application (No.10893478), Samsung Electronics | <https://patents.justia.com/patent/10893478> **2019**

- Patent Application (No.10893478): Multi-SIM devices scheduling for base station searcher.

Galaxy S, Note and Watch, Samsung Electronics **2012 - 2019**

- Contributions to Galaxy S, Note, and Watch series at Samsung Electronics, focusing on dual sim standby architecture and power optimization during IDLE mode.