PETER WI

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in [LinkedIn](#) / [GitHub](#)

📍 North Carolina
(US & Korea Citizenships)

EDUCATION

BS in Computer Science
Minor in Data Science
University of North Carolina
Chapel Hill, NC, USA | DEC 2022
GPA: 3.88/4.00

Coursework
Quantum Computing, Models of Languages and Computation, Files and Databases, Computer Organization, Modern Web Programming, Data Structures, Discrete Structures Systems Fundamentals, Foundations of Programming, Foundations of Statistics and Data Science

SKILLS

Programming
C#, Java, C++, C, Python, HTML, CSS, JavaScript, SQL

Tools and Frameworks
- Git, Visual Studio, Rider, IntelliJ IDEA, Windows Forms, SQLite, Qiskit

LANGUAGES

- English |Fluent
- Korean |Native

HOBBIES

- Cooking/trying foreign foods
- Traveling and living in other countries
- Rock Climbing

PROFILE

Passionate student who wants to join a growing company. Excited to learn new languages and technologies corresponding to the trend of the industries based on strong computer science fundamentals, including design patterns, data structures and algorithms. Great communication skills and very cheerful as a team member and a friend.

WORK EXPERIENCE

- NEOTOP, Hwasung-si, South Korea, (Full-time Intern, 01.2021-06.2021)
  - https://neotopco.com/
  - Worked as a software engineer for the equipment supplied to major companies like Samsung Electronics and LG Display.
  - Assisted a marketing team for estimating a quote for LG Display.
  - Developed a real-time analysis program of analyzers for SK Hynix.
  - Developed NEOLAS 3.0, real-time analysis software, which unifies three version of software fragmented based on companies.
    - Redesigned the software to be object-oriented, reducing time to find/fix the cause of bugs.
    - Modularized classes/methods that were heavily-intertwined based on their role such as Database, Scheduling, Network Communication, and UI components, increasing readability of codes and facilitating applying new features customers demand.
    - Increased convenience of modifying settings of the software about networking, scheduling, and warning so that hardware engineers can easily test the equipment in the work-site.
    - Set up the software and tested equipment before delivery date.
    - Fixed critical bugs like UI freezing, data loss, and displaying data.
    - Used C# 6.0 and higher, .NET Framework 4.0 and higher.

PROJECTS

- Smart Closet iOS App
  - Developed an iOS App, using Swift and Core Data.
- Tinder, Instagram, TikTok Clone
  - Developed a web-app using CSS, JavaScript, React, and Material-UI.
  - Configured the backend using Firebase, MongoDB (NoSQL DB), Mongoose, Node.js (web server), and Express.js (web framework).
- Unity Game Development (Ludum Dare 45)
  - Developed a game through Unity with 8 members for 72 hours.

EXTRACURRICULAR ACTIVITIES

- Computer Science Student Organization at ACC (2019-2020)
  - President (2019-2020)
- NASA Community College Aerospace Scholars (2019-2020)
  - Researched automation systems for Virtual Mars Rover Mission