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, Swift, HTML, CSS, JavaScript, SQL

Tools and Frameworks
- Git, Visual Studio, Rider, IntelliJ, WinForm, .Net Framework/Core, XCode, SwiftUI, SQLite, Qiskit

LANGUAGES

- English |Fluent
- Korean |Native

HOBBIES

- Cooking/trying foreign foods
- Living in new environment
- (Favorite →) Rock Climbing

PROFILE

Reliable student who works responsibly as a proactive team member. Excited to learn new skills and technologies in a workplace while applying computer science knowledges, including design patterns, data structures, and algorithms. Enjoy debugging and restructuring to improve efficiency in a big picture. Great communication skills and very cheerful as a team.

WORK EXPERIENCE

- NEOTOP, Hwasung-si, South Korea, (Full-time Intern, 01.2021-06.2021)
  - Worked in the SW development team as a software engineer for the equipment supplied to Samsung Electronics and LG Display.
  - Developed NEOLAS 3.0, real-time analysis software, which unifies three version of software fragmented based on companies.
    - Restructured the software to be object-oriented, using several design patterns, to improve the debugging process.
    - Modularized classes/methods, that were heavily-intertwined, based on their role such as Database, Scheduling, Network Communication, and UI components, to increase readability of codes and facilitate adding new features customers request.
    - Provided convenience of modifying settings about protocols, scheduling, and warning conditions so that in-site HW engineers can easily test the equipment.
    - Set up the software and tested equipment before delivery date.
    - Fixed critical bugs like UI freezing, data loss, and displaying data.
  - Developed a real-time analysis program of analyzers for SK Hynix.
  - Tested an outsourced SW and report what needs improvement.
  - Majorly used C# and .NET Framework/Core.

PROJECTS

- 100 Days of Swift – Hacking with Swift by Paul Hudson
  - Developed several iOS Apps outside the provided projects.
  - Built up knowledges solidly about iOS development.
- Tinder, Instagram, TikTok Clone
  - Developed a web-app using HTML, CSS, JS, React, and Material-UI.
  - Configured the backend using Firebase, MongoDB, Mongoose, Node.js, and Express.js.
- Unity Game Development (Ludum Dare 45)
  - Developed a game through Unity with 8 members for 72 hours.

EXTRACURRICULAR ACTIVITIES

- App Team (2021 - current)
  - Learned about iOS App development while doing some projects.
- Computer Science Student Organization at ACC (2019-2020)
  - President – Organized meetings and provided practical learning opportunities outside the regular courses.