Geonho Roh

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github.com/nickroh nickroh.vercel.app

EDUCATION

B.S. Computer Sciences
University of Wisconsin-Madison   Current GPA: 3.8

WORK EXPERIENCE

Co-Founder, Head of Software Engineering
Zipper   Oct 2023 – Present
- Co-Founded Company and lead the development
- Raised **75,000$** in seed funding
- Participated **CES 2025** in Las Vegas
- Collected 10000+ product data of fashion items through web scraping using Selenium and AWS S3
- Developed social media and design **iOS app** "Zipper: Collage Your Life" and Custom Card Design **iOS app** "Zipper: Create your Card", using SwiftUI, UIKit, MVVM, REST API and published them on **App Store**
- Refactored the codebase using the MVVM design pattern to enhance maintainability
- Created Apple Push Notification Service server using Next.js, PostgreSQL, and REST API
- Developed **Cross Platform** version of "Zipper: Create your Card", using (React Native/ React Native CLI), REST API, and (Kotlin: Native Modules)
- Developed **Web** Version of "Zipper: Create your Card", using (React Native/ React Native Expo), and REST API
- Developed Image Segmentation Server using FastAPI and SAM2

Sergeant, Radar Operator
ROK ARMY   July 2022 – Jan 2024
- Operated Counter Battery Radar: Arthur-K
- Served as squad leader
- Transported cargo and troops using K-711(5 ton)/K-511(2.5 ton), maintaining a clean driving record

PROJECTS & EXPERIENCE

Personal Website | Next.js, PostgreSQL
- Created website using next.js and published using vercel
- nickroh.vercel.app

DOT_NET (Club President) | PHP, Dart/Flutter, Firebase, JavaScript   Mar 2019 – Dec 2020
- Administrated student community website of Korean Minjok Leadership Academy
- Handled maintenance tasks for the website
- Created school meal app and school news app using flutter and firebase

KCU_TEAM_NUTRIA | CPP, WINDOWS API, REACT, ELECTRON
- Developed reversing program for freeware and open-source game *Assault Cube*
- Developed anti cheat program preventing internal/external cheat program

SKILLS & INTERESTS

Technical: Swift, SwiftUI, Dart/Flutter, Java, Kotlin, React Native, Next.js, Python, PostgreSQL, AWS EC2, AWS S3, Git, FastAPI, Crawling, Node.js, React.js, Unity, C/CPP, Type/JavaScript, Tailwind CSS, Git,
Languages: Korean (Fluent), English (Fluent)
Concepts: Software Development, Web Development, iOS Development, Android Development, Leadership, Front/BackEnd, Vision, ML