

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
- Collected images data of fashion items through web scraping using Selenium and AWS S3
- Developed social media and design **iOS app** “Zipper: Collage Your Life”, using (Swift / SwiftUI, UIKit / MVVM), REST API
<https://apps.apple.com/us/app/zipper-collage-your-life/id6499551373> (service closed)
- Created Apple Push Notification Service server using Next.js and PostgreSQL
- Developed Custom Card Design **iOS app** “Zipper: Create your Card”, using (Swift / SwiftUI, UIKit / MVVM), REST API
<https://apps.apple.com/kr/app/zipper-create-your-card/id6504521758>
- 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
- Raised **75,000\$** in seed funding

Sergeant, Radar Operator

ROK ARMY

July 2022 – Jan 2024

- Operated Counter Battery Radar: Arthur-K
- 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_6 | Python, Django, VisionML

- Created SAAS that provides API for multiple Vision ML services
- Developed Image segmentation, Image upscaling, Object detection features

SKILLS & INTERESTS

Technical: Software Development, Web Development, iOS Development, Android Development, 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

Languages: Korean (Fluent), English (Fluent)