

SEOKSUN JANG

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EDUCATION

University of Illinois Urbana-Champaign Master of Computer Science (MCS), Computer Science	Urbana-Champaign, Illinois, USA Jan 2025 - Present
University of Leicester Postgraduate Certificate (PGCert), Computer Science - <i>Merit</i>	Leicester, United Kingdom Sep 2020 - Jul 2022
Korea National Open University Bachelor of Science (BS), Computer Science - <i>GPA: 3.9/4.5</i>	Seoul, South Korea Mar 2016 - Aug 2020
Dongyang Mirae University Associate of Science (AS), Computer Science - <i>GPA: 4.14/4.5</i>	Seoul, South Korea Mar 2006 - Feb 2013

EXPERIENCE

Shopkick

Senior Lead iOS Software Engineer Denver, Colorado, United States
Apr 2024 - Present

- Lead the iOS development team in modernizing a legacy codebase, transitioning from Objective-C to Swift and SwiftUI, and collaborating with cross-functional teams to establish a scalable architecture.
- Manage the CI/CD pipeline, unit testing, UI testing, and iOS release management, ensuring smooth and optimized deployment processes throughout the development lifecycle.

iOS Software Engineer Redwood City, California, United States
Apr 2021 - Mar 2024

- Designed, developed, and maintained high-performance, reusable code in Swift and Objective-C, applying SOLID principles and functional programming techniques.
- Implemented business requirements and developed user interfaces using SwiftUI and UIKit, leveraging modern Swift language features such as actors and `async/await`.

Contract Programmer

Independent Programmer Seoul, South Korea
Jul 2016 - Dec 2020

- Delivered software engineering solutions across diverse projects for various clients, from conglomerates to startups, primarily through the freelancer platform Wishket, successfully completing each project.
- Consistently met key business requirements, maintaining a perfect 5.0/5.0 satisfaction rating.

KOINO

iOS Software Engineer Seoul, South Korea
Apr 2014 - Jun 2016

- Managed the full lifecycle of iOS and macOS app development, including unit testing, distribution for an Apple enterprise account, and ongoing maintenance.
- Developed internal SDKs and user applications using SIP (Session Initiation Protocol) and VNC (Virtual Network Computing) protocols for AnySupport, a remote control software.
- Contributed to Android development, enhancing the cross-platform capabilities of software products.

700th Commando Regiment, Republic of Korea Army

Sergeant, Squad Leader - Chemical Operations (CBRN) Seoul, South Korea
Oct 2007 - Sep 2009

- Conducted CBRN defense operations, playing a crucial role in ensuring the unit's readiness for chemical, biological, radiological, and nuclear threats within the 700th Commando Regiment.

SKILLS

Swift, Objective-C, Java, Kotlin:	Expert in iOS, macOS, and Android development.
Javascript, Typescript, Clojure, ClojureScript:	Proficient in Node.js, Firebase, React.js, and React Native.
Python:	Skilled in Scripting, Web Scraping, Automation.

PROJECTS

HLVM, HQL

Founder Toronto, Ontario, Canada
Nov 2022 - Present

- Developing a new generation of AI-powered "Spotlight", with its own domain specific language: HQL.
- HLVM: High Level Virtual Language / HQL: High level Query Language