

## Seokhyeon Hong (Sean)

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### Education

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**The Hong Kong University of Science and Technology** : CGA: 3.698 / 4.3 08/2020 ~ 05/2026

Majoring in Technology and Management Dual Degree Program.

Bachelor of Engineering Degree in Computer Science

Bachelor of Business Administration Degree in Finance

**King's Academy - Jordan**: GPA: 3.88 / Grading Scale of 4.0 08/2016 ~ 05/2020

### Work Experience

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**Software Engineer Intern | Panoptic AI** 06/2024 ~ 08/2024

- Created commercial-level SDK that retrieves vital signals from facial scanning that could be successfully run on linux based raspberry pi 3B with 1 GB of memory with C++
- Created Demo SDK for sleep monitoring system that monitors vital signals and sleep quality using night vision camera using Python

**Sergeant Squad Leader | Republic of Korea Army** 05/2022 ~ 11/2023

- Served as IT Administrator of Brigade, managing Router, Switch, Website, and Server
- Led squad of 14 members as sergeant squad lead during training and exercise

**Assistant Mechanic | BMW Service Center Bucheon** 06/2019 ~ 07/2019

- Assisting in the replacement of Engines / Transmission / Powertrain modules
- Researching system failures and checks through the BMW AIR / ISTA application

**Junior Intern Trainee | LG Electronics Levant** 05/2019 ~ 06/2019

- Researching on Levant market, supply chain management, and brand marketing
- Assisting in Records Archive and Record Digitalization

### Extra Curricular Activities

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**Head of APP Department / APP Developer | USThing** 02/2021 ~ Present

USThing is a student-developed, all-in-one mobile app that provides more convenient access to IT services offered by HKUST for community members. Website: <https://usthing.xyz>

- Leading application development team and developing with Swift and React-Native
- Front-end development cycle, production, and deployment to APP Store
- Handling user bug reports and collaborating with different departments for new features

**Deputy Head Student Ambassador | HKUST URAO** 10/2020 ~ Present

- Represented HKUST at several Conferences / College Fair / Information Day
- Public Speaking experience during orientation session and school visits

**DDP Buddy Program Mentor | T&M DDP Office** 08/2024 ~ Present

- Mentored eight junior students, providing academic guidance and support.

### Awards & Honors

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**HKUST Academic Scholarship | HKUST** Year Awarded: Dec 2021 / Dec 2024

**Dean's List | HKUST** Year Awarded: 20~21 Fall / 20~21 Spring / 23~24 Spring

**Certificate of Honor | Military Manpower Administration** Year Awarded: November 2023

**Commendation | Korea Army 3298 Unit Commander** Year Awarded: April 2023

### Licenses / Skills / Languages

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Microsoft Certified Azure AI Fundamental Issued 11/2023

Bloomberg Market Concepts Issued 12/2021

C++ / Java / Swift / React Native / Python / Trading / Derivatives / Corporate Finance

English (Bilingual/Native) / Korean (Native) / Arabic (Intermediate)