# DUC-KY NGO

## ML SOFTWARE ENGINEER

### CONTACT ME AT

📍 Gwanak-gu, Seoul, Republic of Korea

✉️ duckyngo1705@gmail.com

💻 https://github.com/duckyngo

in @duckyngo175

### SKILLS SUMMARY

●●●● Mobile Apps Development

●●●○ Deep Learning Models

●●○○ Unix/Linux Environment

●●●○ Java, Kotlin, Python, Swift, C++..

●●○○ Large Software Systems, OOP..

●●●○ Git, Docker, SQL, JetBrains IDEs..

### PROJECTS

⚙️ 9Poses - AI Golf Swing Analysis (Android, iOS)

⚙️ Photo Editor Application (All Samsung Phones & Tablets)

⚙️ Zank Remote for Android TV Box (Androi,iOS)

### AWARDS RECEIVED

🔖 Samsung Talent Student Scholarship

## PERSONAL PROFILE

I am an ML software engineer with holistic knowledge of software development and deep learning models. I am also experienced in designing and planning.

## WORK EXPERIENCE

### Machine Learning Researcher | Software Engineer
AItheNutrigene  | Sep 2020 - present

- 9Poses - Golf Swing Analysis Application | AI Engine Developer, Mobile Application Developer
- Seoul National University Hospital - Medical Images Analysis project (Segmentation task) | AI models Team Lead

### Software Engineer
Samsung Electronics  | Jan 2016 - Aug 2018

- Photo Editor Team -  Samsung Vietnam Mobile R&D Center
- Work with Android, Java, C++, OpenGL,  Image processing
- Large software system, run on all Samsung phones and tablets
- Collaborated with other teams worldwide
- Code Review, CI, Data structure and Algorithm, Coding Style and Optimization

## EDUCATIONAL HISTORY

### Chonnam National University
Masters in Computer Science  | Sep 2018 - Sep 2020

- Multimedia and Images Processing Lab
- Concentrated in Machine Learning, Deep Learning and Computer Vision applications
- Publication: Multi-Task Learning for Small Brain Tumor Segmentation from MRI | Applied Sciences | 2020

### Vietnam National University, Hanoi
BA Electronics & Telecommunications  | Sep 2012 - Sep 2016

- Robotics and Automation Lab
- Thesis: Full Hand Joint Recognition Using 3D model and Particle Swarm Optimization Applied for Mobile Devices