



Kaden(Kyeongyul) Kim


Software Engineer / Programmer

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WORK EXPERIENCE

Assistant Research Engineer / Hancom Interfree, Inc.

Seongnam, South Korea, Feb. 2016 - Apr. 2018

- Built a GenieTalk Android app: Official automatic translation service for 2018 PyeongChang Olympic Winter Games
- Re-engineered and migrated engines/resources from AWS to MS Azure
- Developed a reference Android app for Face-to-Face Speech Translation (International Standard, established in August 2017) Demonstrated in MWC 2017 in Barcelona, Spain.

Software Programmer / Selvas AI, Inc.

Seoul, South Korea, Jan. 2015 - Jan. 2016

- Developed and Optimized the DioOCR engine
- Enhanced image processing algorithms

Researcher / Intelligent GIS Research, Inha University.

Incheon, South Korea, Aug. 2013 - Jun. 2014

- Dedicated to "3D reconstruction technology development for scene of car accident using multi-view black box image" project.
- Implemented an Annotation Tool to synchronize videos and sensor data
- Researched for traffic video normalization and stabilization

EDUCATION

Co-op Diploma, Web and Mobile App Development

Cornerstone International Community College of Canada

Vancouver, Canada, Sep. 2019 - Aug. 2020

Master of Engineering, Computer Engineering

Inha University

Incheon, South Korea, Feb. 2011 - Aug. 2013

- Laboratory: Computer Vision
- Research Area: Computer Vision, Image Processing, Feature Engineering, Pattern Recognition, Machine Learning, Augmented Reality
- Thesis: Performance analysis of feature extraction algorithms on various contrasts for gray-scale conversion

Bachelor of Engineering, Computer Engineering

Inha University

Incheon, South Korea, Mar. 2004 - Feb. 2011

SKILLS

Programming Languages

C/C++, Java
Python, MATLAB/Octave
Kotlin, Swift, Objective-C
HTML5, CSS, JavaScript

Frameworks / Tools

- **Version Control System**
Git, Subversion, CVS
- **Agile Methodologies**
Atlassian JIRA, Confluence
- **Cloud Computing**
Microsoft Azure
Amazon Web Service
- **Mobile Development**
Android Development
iOS Development
- **Web Framework**
Node.js, Express.js, jQuery
- **Database**
MySQL, MongoDB, SQLite
- **Computer Vision (AI) tools**
OpenCV, TensorFlow
- **Unix/Linux**
CentOS/RHEL, Ubuntu, Fedora

AWARD

2009 ACM-ICPC Regional

Honorable Mention (27th place)

LANGUAGES

English

Professional working proficiency

Korean

Native proficiency