

# SEONGMO KANG

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## Objective

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I am looking to join an Image Processing Software Engineer. I am self-motivated, self-start person and I have strong commitment to task. I adapt well in the fast-paced collaborative environment. I am a team-oriented, self-driven person with a keen technical mind and an eye for detail.

## Summary

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- A lot of experience in C programming development.
- Strong background in signal, image and video processing.
- Strong understanding of image processing algorithms and camera image signal processing chain.
- Excellent communication, interpersonal and problem solving skill.
- Quick learner with ability to implement new skills in a short period of time
- In depth understanding of Java design patterns like Data Access Object, MVC and Singleton.\*
- Experience designing embedded systems and knowledge of various communication protocols (I2C, SPI, UART)\*
- Experience with schematic capture and PCB layout\*
- Communicating with non-technical personnel.
- Strong interpersonal, intuitive, planning, analysis, troubleshooting, leadership skills.

## Technical Skills

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- Languages/App Development : Matlab , Java , C , C++\* , Python\* ,( Numpy\*, Scipy\*)
- Tools : Visual Studio, OpenCV , Eclipse , XCode , OPENCL\* , CUDA\*
- Hardware : Raspberry Pi, Pi\_Cam, Arduino\*
- Others : Proficient in MS Office software(Word, Excel, Power Point)

## Work Experience

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### - Internship

Ziontech Inc. (January 2016 - now)

### - Sound filter design.

Kookmin Univ. (November 2015 – December)

- Designing filter in order to remove MR sounds with using Matlab.

### - Auto car number search.

Kookmin Univ. (October 2015 – November)

- Analyzing Car number board program using Raspberry Pi, Pi\_Cam, Linux, OpenCV

- Getting Popularity Award in Capstone Design Contest.

## **Education**

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Kookmin University (2011-2017)

Bachelor of Electronical Engineering

## **Army**

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Signal Corpsman (March 2012 – December 2013)

Repubilc of Korea KangWondo

- Signal Support Systems Specialist.
- Human Resources Specialist.