**SEONGMO KANG**

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**Objective**

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**

- 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**

- 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**

**- Internship as a Front end developer**

Ziontech Inc. (January 2016 - now)

- Developed and maintained trade mall system on web.

+ Technologies used : HTML, PHP, JavaScript

+ Database used : MySQL

- Developed and maintained a user-facing application, optimizing applications for maximum speed and scalability.

+ Application drawing a graph in Android OS

+ Used tools : AngularJS, C++

- Developed System Integration for constructing an application and web site in the enterprise for the efficient work using Java, SQL and JavaScript.

+ including web templates, customization tools and web applications.

+ with database engineer

- Developed and maintained a real-time advertising technology to promote merchandise to 3rd party merchants on the web site

+ delivered creative solutions for complex problems on an unprecedented scale.

  - accustom to agile coding experience. working in small teams that have made a big impact fast

**- Sound filter design.**

Kookmin Univ. (November 2015 – December)

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

**- Auto car license plate 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**

Kookmin University (2011-2017)

Bachelor of Electronical Engineering

Army

Signal Corpsman (March 2012 – December 2013)

Repubilc of Korea KangWondo

- Signal Support Systems Specialist.

- Human Resources Specialist.