

Sooyong Jang

Software Engineer

Philadelphia, PA - Email me on Indeed: [indeed.com/r/Sooyong-Jang/a18c36deae4c67d8](https://www.indeed.com/r/Sooyong-Jang/a18c36deae4c67d8)

Seeking a Software Engineer internship position for 2016 summer

Willing to relocate: Anywhere

Authorized to work in the US for any employer

WORK EXPERIENCE

Software Engineer

Artificial Intelligence Lab., Crosscert Inc - Seoul, KR - July 2013 to December 2014

- Developed a robot SDK for a smartphone robot, Tyche
- Designed the robot SDK
- Developed a locomotion module for Tyche
- Developed a two times faster Avatar module than the previous version
- Integrated vision modules (Face Recognition, Ball Detection, and Marker Detection)

Software Engineer

Bonavision - Seoul, South Korea - June 2007 to January 2010

Accomplishments

- Developed intelligent Robot Software Platform (iRSP)
- Developed User Interface based on Eclipse Rich Client Platform
- Integrated Planning Domain Definition Language (PDDL) Planner with iRSP
- Developed the interface between anyCode Marilou 3D simulator and iRSP
- Developed a library/UPnP component for iRobot Create
- Used for a robot programming education for university students
- Developed UPnP middleware components for devices
- Microsoft Kinect/ASUS Xtion Pro, Sphero
- Developed android apps
- Sphero control app: Move Sphero as a user draws
- Math game app: Mental Calculation game

EDUCATION

M.S. in Computer and Information Science

University of Pennsylvania - Philadelphia, PA

2017

B.S. in Computer Science and Engineering

Seoul National University - Seoul, KR

2005 to 2013

ADDITIONAL INFORMATION

Skills

Programming Language: Java (5+ years industry experience), Matlab, C/C++, C#, Python

OS: Windows, Linux, Mac OS X