Byung-Jin**Park**

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Education

POSTECH(Pohang University of Science and Technology)   Pohang, S.Korea

B.S. in Computer Science and Engineering   Mar. 2010 - PRESENT
- Got a Chun Shin-Il Scholarship which is given to promising students in CSE Dept.

Experience

R.O.K Cyber Command, MND   Seoul, S.Korea

Software Engineer & Security Researcher (Compulsory Military Service)   Aug. 2014 - Exp. Apr. 2016
- Implemented a military cooperation system which is web based real time messenger in Scala on Lift.
- Improved functionality on military command and control system for incident response with Java Servlet.
- Lead engineer on agent-less backtracking system that allows to backtrack client device surfing prepared web site independently of the Proxy, VPN and NAT.

NEXON   Seoul, S.Korea & LA, U.S.A

Game Developer Intern at Global Internship Program   Jan. 2013 - Feb. 2013
- Developed in Cocos2d-x an action puzzle game(Dragon Buster) targeting U.S. market. Implemented API server which is communicating with game client and In-App Store, along with two other team members who wrote the game logic, designed game graphics.
- Won the 2nd prize in final evaluation.

Undergraduate Research, Computer Vision Lab(Prof. Bohyung Han)   Pohang, S.Korea

Researcher for <Detecting video's torrents using image similarity algorithms>   Sep. 2012 - Feb. 2013
- Researched means of retrieving a corresponding video based on image contents using image similarity algorithm.
- Implemented prototype that users can obtain torrent magnet links of corresponding video relevant to an image on web site.

Software Maestro (funded by Korea Ministry of Knowledge and Economy)   Seoul, S.Korea

Software Engineer Trainee   Jul. 2012 - Jun. 2013
- Performed research memory management strategies of OS and implemented in Python an interactive simulator for Linux kernel memory management.

ShitOne Corp. (Start-up company)   Seoul, S.Korea

Software Engineer   Dec. 2011 - Feb. 2012
- Developed a proxy drive smartphone application which connects proxy driver and customer. Implemented overall Android application logic and wrote API server for community service, along with lead engineer who designed bidding protocol on raw socket and implemented API server for bidding.

SAMSUNG Electronics   S.Korea

Freelance Penetration Tester   Sep. 2013, Mar. 2011 - Oct. 2011
- Conducted penetration testing on SAMSUNG KNOX, which is solution for enterprise mobile security.
- Conducted penetration testing on SAMSUNG Smart TV.

Extracurricular Activity

B10S (B1t 0n the Security, Underground hacker team)   S.Korea

Core Member   Nov. 2011 - PRESENT
- Gained expertise in penetration testing areas, especially targeted on web application and software.
- Participated on a lot of hacking competition and won a good award.
- Held several hacking competitions non-profit, just for fun.

WiseGuys (Hacking & Security research group)   S.Korea

Member   Jun. 2012 - PRESENT

- Gained expertise in hardware hacking areas from penetration testing on several devices including wireless router, smartphone, CCTV and set-top box.
- Trained wannabe hacker about hacking technique from basic to advanced and ethics for white hackers by hosting annual Hacking Camp.

PoApper (Developers' Network of POSTECH)   Pohang, S.Korea

Core Member & President at 2013   Jun. 2010 - PRESENT

- Reformed the society focusing on software engineering and building network on and off campus.
- Proposed various marketing and network activities to raise awareness.

PLUS (Laboratory for UNIX Security in POSTECH)   Pohang, S.Korea

Member   Sep. 2010 - Oct. 2011

- Gained expertise in hacking & security areas, especially about internal of operating system based on UNIX and several exploit techniques.
- Participated on several hacking competition and won a good award.
- Conducted periodic security checks on overall IT system as a member of POSTECH CERT.
- Conducted penetration testing commissioned by national agency and corporation.

MSSA (Management Strategy Club of POSTECH)   Pohang, S.Korea

Member   Sep. 2013 - PRESENT

- Gained knowledge about several business field like Management, Strategy, Financial and marketing from group study.
- Gained expertise in business strategy areas and inisght for various industry from weekly industry analysis session.

Honors & Awards

INTERNATIONAL

2014	**Finalist**, DEFCON 22nd CTF Hacking Competition World Final	Las Vegas, U.S.A
2013	**Finalist**, DEFCON 21st CTF Hacking Competition World Final	Las Vegas, U.S.A
2011	**Finalist**, DEFCON 19th CTF Hacking Competition World Final	Las Vegas, U.S.A
2012	**6th Place**, SECUINSIDE Hacking Competition World Final	Seoul, S.Korea

DOMESTIC

2013	**Silver Prize**, KISA HDCON Hacking Competition Final	Seoul, S.Korea
2013	**2nd Award**, HUST Hacking Festival	S.Korea
2010	**3rd Award**, HUST Hacking Festival	S.Korea
2012	**3rd Award**, Holyshield 3rd Hacking Festival	S.Korea
2011	**2nd Award**, Holyshield 3rd Hacking Festival	S.Korea
2011	**5th Place**, PADOCON Hacking Competition Final	Seoul, S.Korea

Presentation

6th CodeEngn (Reverse Engineering Conference)   Seoul, S.Korea

Presenter for <DEFCON 20th : The way to go to Las Vegas>   Jul. 2012

- Introduced CTF(Capture the Flag) hacking competition and advanced techniques and strategy for CTF

6th Hacking Camp - S.Korea   S.Korea

Presenter for <Metasploit 101>   Sep. 2012

- Introduced basic procedure for penetration testing and how to use Metasploit

Writing

A Guide for Developers in Start-up   Facebook Page

Founder & Writer   Jan. 2015 - PRESENT

- Drafted daily news for developers in Korea about IT technologies, issues about start-up.

AhnLab S.Korea

Undergraduate Student Reporter

Oct. 2012 - Jul. 2013

- Drafted reports about IT trends and Security issues on AhnLab Company magazine.

Program Committees

2013	**Organizer & Co-director**, 1st POSTECH Hackathon	S.Korea
2012	**Staff**, 7th Hacking Camp	S.Korea
2012	**Problem Writer**, 1st Hoseo University Teenager Hacking Competition	S.Korea
2012	**Staff & Problem Writer**, JFF(Just for Fun) Hacking Competition	S.Korea