Claud D. **Park**

SOFTWARE ENGINEER · SECURITY EXPERT

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"Must be the change that you want to see in the world."

Education

B.S. in Computer Science and Engineering	POSTECH(PoHANG UNIVERSITY OF SCIENCE AND TECHNOLOGY), *Pohang, S.Korea*	*Mar. 2010 - PRESENT*

- Got a Chun Shin-Il Scholarship which is given to promising students in CSE Dept.

Experience

Software Engineer & Security Researcher (Compulsory Military Service)	R.O.K Cyber Command, MND, *Seoul, S.Korea*	*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 can discover client device's fingerprint(including public and private IP) independently of the Proxy, VPN and NAT.

Game Developer Intern at Global Internship Program NEXON, *Seoul, S.Korea & LA, U.S.A*		*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.

Researcher for <Detecting video's torrents using image similarity algorithms>	UNDERGRADUATE RESEARCH, COMPUTER VISION LAB(PROF. BOHYUNG HAN), *Pohang, S.Korea*	*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 Engineer Trainee	SOFTWARE MAESTRO (FUNDED BY KOREA MINISTRY OF KNOWLEDGE AND ECONOMY), *Seoul, S.Korea*	*Jul. 2012 - Jun. 2013*

- Performed research memory management strategies of OS and implemented in Python an interactive simulator for Linux kernel memory management.

Software Engineer	SHITONE CORP. (START-UP COMPANY), *Seoul, S.Korea*	*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.

Freelance Penetration Tester	SAMSUNG ELECTRONICS, *S.Korea*	*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

Core Member & President at 2013	PoAPPER (DEVELOPERS' NETWORK OF POSTECH), *Pohang, S.Korea*	*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.

Member	PLUS (LABORATORY FOR UNIX SECURITY IN POSTECH), *Pohang, S.Korea*	*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.

Member   MSSA (Management Strategy Club of POSTECH),   *Sep. 2013 - PRESENT*
                                                 Pohang, S.Korea

- 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

2015	**3rd Place**, WITHCON Hacking Competition Final	*Seoul, S.Korea*
2013	**Silver Prize**, KISA HDCON Hacking Competition Final	*Seoul, S.Korea*

Presentation

Presenter for <DEFCON 20th : The way to go to Las Vegas>   6th CodeEngn (Reverse Engineering Conference), *Seoul, S.Korea*   *Jul. 2012*

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

Writing

Founder & Writer   A Guide for Developers in Start-up, *Facebook Page*   *Jan. 2015 - PRESENT*

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

Undergraduate Student Reporter   AhnLab, *S.Korea*   *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 & Problem Writer**, JFF(Just for Fun) Hacking Competition	*S.Korea*