

Ryoung Woo

SOFTWARE ENGINEER · DATA SCIENTIST

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"I want to grow into a better mathematician and team player."

Summary

As a developer, I have grown up as a mathematician and team player for six years. As a mathematician, I enjoy thinking procedurally like a puzzle. At first, I should focus on small pieces. The sooner I predict the completed view, the faster I can solve the puzzle easily. As a team player, I enjoy cooperating passionately like a college basketball player. Whether break time in game or train time before game, we discussed a lot. What is needed, How to apply it, Which is better, finally Whether my team wins or not. I want to grow into a better mathematician and team player.

Experience

BISTel Co.

SOFTWARE ENGINEER, DATA SCIENTIST

Seoul, S.Korea

Nov. 2013 - Present

- Research on new technology of IT and academic paper. Share this with team.
- Gather requirement from external client and internal stakeholder.
- Develop or upgrade a product according to the above technology, paper, requirement.
- Deploy the product to client and Make them solve their problem.

Korea Information Engineering Services Co.

INTERNSHIP

Seongnam, S.Korea

Aug. 2013 - Oct. 2013

- Check quality assurance for product features to be released.
- Refine documentation for a user's point of view.

Honors & Awards

INTERNATIONAL

- | | | |
|------|---|------------------|
| 2018 | Finalist , DEFCON 26th CTF Hacking Competition World Final | Las Vegas, U.S.A |
| 2017 | Finalist , DEFCON 25th CTF Hacking Competition World Final | Las Vegas, U.S.A |
| 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 |

DOMESTIC

- | | | |
|------|--|----------------|
| 2015 | 3rd Place , WITHCON Hacking Competition Final | Seoul, S.Korea |
| 2017 | Silver Prize , KISA HDCON Hacking Competition Final | Seoul, S.Korea |
| 2013 | Silver Prize , KISA HDCON Hacking Competition Final | Seoul, S.Korea |

Presentation

DevFest Seoul by Google Developer Group Korea

PRESENTER FOR <HOSTING WEB APPLICATION FOR FREE UTILIZING GITHUB, NETLIFY AND CLOUDFLARE>

Seoul, S.Korea

Nov. 2017

- Introduced the history of web technology and the JAM stack which is for the modern web application development.
- Introduced how to freely host the web application with high performance utilizing global CDN services.

6th CodeEngn (Reverse Engineering Conference)

PRESENTER FOR <DEFCON 20TH : THE WAY TO GO TO LAS VEGAS>

Seoul, S.Korea

Jul. 2012

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

Writing

A Guide for Developers in Start-up

FOUNDER & WRITER

Facebook Page

Jan. 2015 - PRESENT

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

Program Committees

- 2016 **Problem Writer**, 2016 CODEGATE Hacking Competition World Final
2013 **Organizer & Co-director**, 1st POSTECH Hackathon

S.Korea

S.Korea

Education

POSTECH(Pohang University of Science and Technology)

Pohang, S.Korea

B.S. IN COMPUTER SCIENCE AND ENGINEERING

Mar. 2010 - Aug. 2017

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

Extracurricular Activity

PoApper (Developers' Network of POSTECH)

Pohang, S.Korea

CORE MEMBER & PRESIDENT AT 2013

Jun. 2010 - Jun. 2017

- 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.