

Heejune Kim

SOFTWARE ENGINEER · EXPERIENCED DEVICE DRIVER DEVELOPER

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Experience

Kakao

SOFTWARE ENGINEER

Pangyo, S.Korea

Sep. 2016 - Present

- Developing a Messenger application(KakaoTalk) for Windows Desktop using C++, SQLite.

Ascan(Start-up)

LEAD SOFTWARE ENGINEER

Seoul, S.Korea

May. 2015 - Aug. 2016

- Developed a Chromium based Desktop WebApp including Shell Extensions using CEF, Boost, AngularJS for file sharing & version management.
- Wrote Python and Batch scripts automate the full build, packaging and deployment cycle running on Jenkins.

Kakao

SOFTWARE ENGINEER

Pangyo, S.Korea

Feb. 2014 - Apr. 2015

- Joined to the KakaoTalk messenger for Windows Desktop product team and developed various features such as Accessibility support, UI, up-dater and security enhancement.
- Developed backends with ASP.NET/Flask & mongodb stack for internal use.

Microsoft

SUPPORT ENGINEER

Seoul, S.Korea

May. 2011 - Jan. 2014

- WDK/SDK Developer Support. Provided development consulting & advisory services for customers with troubleshooting and extensive debugging.
- OEM/Embedded Products Support. Also helped customers to build their software and hardware for Windows Embedded products including Windows Mobile, Windows CE, PosReady, and etc.

DevGuru

SENIOR SOFTWARE ENGINEER

Seoul, S.Korea

Nov. 2009 - Mar. 2011

- Developed a QMI linux network device driver and its user library for Verizon Pantech UML290 4G LTE USB Modem.

AhnLab

SOFTWARE ENGINEER

S.Korea

Sep. 2003 - Feb. 2006

- Developed a Filter Device Driver and User Modules which provides real-time monitoring via kernel/user hooking (API & SDT) for an Anti-online game hacking product to protect system from illegal behaviors.
- Researched hacking issues, debugging and Windows internals to design and implement products.

Security Wizard

SOFTWARE ENGINEER

S.Korea

Feb. 2001 - Jun. 2003

- Implemented a personal firewall engine for driver control and firewall rule management including LSP filtering module, NDIS TDI Device Driver for Win9X, and NT.

Education

Kangwon National University

B.S. IN COMPUTER ENGINEERING

Chuncheon, S.Korea

Mar. 1999 - Aug. 2009

Skills

Programming Languages C/C++, C#, Python, Javascript

Tools WinDBG, Visual Studio, Emacs

Languages Korean, English

Presentation

Microsoft TechDays 2015

PRESENTER FOR <VISUAL STUDIO 2015 DEBUGGING TECHNIQUES>

Seoul, S.Korea

Oct. 2015

- Introduced Visual Studio 2015 new debugging features with live debuggins session

TechDays mini

PRESENTER FOR <BETTER WINDOWS PROGRAMMING WITH C++11>

- Presented new C++11 techniques which will make Windows developers life easier.

Seoul, S.Korea

Jun. 2014

Microsoft Melting Pot Online Seminar

PRESENTER FOR <PYTHON DEVELOPMENT WITH PTVS>

- Walkthrough PTVS HOWTO

Microsoft Virtual Academy

Nov. 2014

Writing

Windows Debugging via WinDBG

Co-AUTHOR

- Wrote chapters about basic assembly language, memory layout etc.

S.Korea

Jul. 2009