

Heejune Kim

SOFTWARE ENGINEER · EXPERIENCED DEVICE DRIVER DEVELOPER

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Experience

Kakao

SOFTWARE ENGINEER

- Returned to the old team.

Pangyo, S.Korea

Sep. 2016 - Present

Ascan(Start-up)

LEAD SOFTWARE ENGINEER

- Developed a Chromium based Desktop WebApp including Shell Extensions using CEF, Boost, XMPP, AngularJS for file sharing & version management.
- Wrote Python and Batch scripts automate the full build, packing and deployment cycle running on Jenkins.
- Improved Software Quality and Responsiveness dramatically by adding Task based C# Asynchronous and Parallelism implementation for C# project.

Seoul, S.Korea

May. 2015 - Aug. 2016

Kakao

SOFTWARE ENGINEER

- 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.

Pangyo, S.Korea

Feb. 2014 - Apr. 2015

Microsoft

SUPPORT ENGINEER

- 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.

Seoul, S.Korea

May. 2011 - Jan. 2014

DevGuru

SENIOR SOFTWARE ENGINEER

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

Seoul, S.Korea

Nov. 2009 - Mar. 2011

AhnLab

SOFTWARE ENGINEER

- 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.

S.Korea

Sep. 2003 - Feb. 2006

Security Wizard

SOFTWARE ENGINEER

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

S.Korea

Feb. 2001 - Jun. 2003

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>

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

Seoul, S.Korea

Oct. 2015

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