MINH LE

435-754-5808 ⋄ ledinhminh3883@gmail.com

5 Aggie Village ⋄ Logan, UT 84341

LinkedIn: ledinhminh3883 ⋄ Personal site: http://jajanglab.com

EDUCATION

Utah State University   *Sep 2015 - Dec 2017*
Masters Computer Science

Konkuk University   *2008-2010*
Masters Computer Science

Hanoi University of Technology   *2001-2006*
Bachelors Computer Science

PROGRAMMING SKILLS

Programming Languages	Java, C#, HTML, JavaScript, VB.NET, Python, MatLab, C++, PHP.
Platforms & Databases	Android, Linux, Windows Phone, MySQL, Microsoft SQL Server
Software & Tools	Android Studio, Eclipse, Visual Studio, SharePoint Services, Spring Framework, Windows Workflow

EXPERIENCE

NSoft Inc   Aug 2012 - Aug 2015
Web and Mobile Developer

· Involved in full-stack development of publishing system and social network for ebook-reader community.
· Developed high performance back-end web services (REST APIs) including content management, document conversion, storage and security.
· Developed front-end interactive web with HTML5 and JQuery. Developed Android and Windows Phone versions of the system.
· **Techniques**: Java, C#, JSP, HTML5, JavaScript, JQuery, MySQL, Spring Framework, Android, ASP.

IriTech Inc   Jun 2010 - Jan 2012
Enterprise Software Developer

· Designed and developed cluster-based web services for iris recognition to accelerate iris matching speed to 500k of comparisons per second.
· Enabled distributed shared memory and opened SOAP-based APIs for web and mobile applications.
· Developed visual toolkit to automatically detect memory leaks of the matching library and evaluate the correctness of the implemented algorithms.
· **Techniques**: Java, C#, C++, SOAP, Web Services, JBoss, MySQL, Android.

FPT Information System   Sep 2007 - Mar 2008
Software Integration Engineer

· Customized and provided SharePoint workflow services to governmental organizations.
· Converted data from Oracle DB to Microsoft SQL Server and built Business Intelligence tools to speedup report creation.
· **Techniques**: C#, SharePoint, Windows Workflow, Microsoft SQL Server, Oracle DB.

FPT Software   Aug 2005 - Sep 2007
Mobile Developer

· Worked in Software Outsourcing Group and involved into project POCs and solved technical problems.
· Developed and maintained 6 outsourcing software projects.
· **Techniques**: C#, VB.NET, Windows CE, SQLCE, Delphi, ASP, PHP.

RESEARCH EXPERIENCE

Utah State University   Aug 2015 - Present
Advanced Software System Lab - Mobile Distributed Systems

· Developing Service Market as the trusted store of mobile services for the P2P mobile systems. Enhancing our middleware with failure handling to support Edge Computing.
· Designed a comprehensive middleware for job remote executions in P2P mobile networks. The middleware enables job to be dispatched from any device within the network to the others, then optimizes the number of devices by our selection algorithm for each specific job execution. The implementation illustrates the capability of our middleware in reality with performance increased to 70% and 50% of energy conserved.
· **Techniques**: Java, C#, JavaScript, MySQL, Android, Windows Phone, Python, MatLab.

INRIA, University of Lille 1   May 2012 - Aug 2012
INRIA Group - Heterogeneous Database Systems

· Worked in the heterogeneous database systems to improve speed of query algorithms.

Konkuk University   Mar 2008 - Mar 2010
Advanced Grid Computing Lab - Data Middleware and Distributed Systems

· Developed SensorBridge: a system extending message-oriented middleware to easily integrate with heterogeneous Wireless sensor networks. SensorBridge is adaptive with most of the sensor types, applicable for web and 3D virtualization systems.
· **Techniques**: Java, C#, JSP, HTML5, JavaScript, MySQL.

ACHIEVEMENTS

USU Graduate Research and Creative Opportunities	*Spring 2016*
Marie Curie Scholarship	*2012*
BK21 Scholarship	*2008–2010*
Microsoft Certified Application Developer	*2008*
Bronze Prizes in National Mathematical Olympiads	*2001 & 2002*

PUBLICATIONS

· Zheng Song, **Minh Le**, Young-Woo Kwon, Eli Tilevich. *Extemporaneous Micro-Mobile Service Execution Without Code Sharing.* HotPOST 2017
· **Minh Le**, Young-Woo Kwon. *Enabling Flexible and Efficient Remote Execution in Opportunistic Networks through Message-Oriented Middleware.* COMPSAC 2017
· **Minh Le**, Zheng Song, Eli Tilevich, Young-Woo Kwon, *Reliable and Efficient Mobile Edge Computing in Highly Dynamic and Volatile Environments*, FMEC 2017
· **Minh Le**, Young-Woo Kwon, *Utilizing Nearby Computing Resources for Resource-Limited Mobile Devices*, SAC 2017
· Daehyeok Mun, **Minh Le**, Young-Woo Kwon, *An Assessment of Internet of Things Protocols for Resource-Constrained Applications*, COMPSAC 2016