Peng Liu   CV
Jämeräntaival 11 K 211
FIN-02150 Espoo
tel. +358 41 7086582   30 June 2016
liupengking1@gmail.com
http://pengliu.me
Born 25 May 1990 in China

EDUCATION

2011 – 2015   **Master of Science (Tech.) with Distinction Aalto University School of Electrical Engineering**
Programme: Communications Engineering, Major: Networking Technology; GPA 4.04/5, 130 ECTS points

2007 – 2011   **Bachelor of Engineering Xiangtan University School of Information Engineering**
Major: Electronic and Information Engineering; GPA 3.51/4, 194 ECTS points, ranked 1/76

WORK EXPERIENCE

June 2013 –   **Mobile Developer at Tuxera Inc.**

During the period, I worked in an agile team of 8 people, together with designer, developer and sales team. I finished the design and implementation of the DLNA protocol stack for the Android version of AllConnect SDK, helped to implement and release the first version of AllConnect App in Google Play Store. Now the app has accumulated over 3 million downloads.
After that, I finished the iOS version of AllConnect SDK alone using similar architecture. I also helped with the debugging and development of AllConnect App on iOS platform.
I debugged and improved the open source DLNA media server on Linux, ported it to both ASUS-WRT and Android platform and made it pass the DLNA media server certification test suite.

Jan 2012 –   **Master Thesis Worker at Tuxera Inc.**
June 2013   Master thesis work based on the DLNA project and AllConnect Project. During this period I implemented and integrated cross platform multimedia streaming technology (DLNA, Chromecast, Fire TV and Airplay) in commercial mobile application product.

Sep 2012 –   **Project Developer at Aalto University**
May 2013   The indoor positioning project InPoint was funded and supported by Ericsson, organized by Design Factory, Aalto University.
During this project, our team built an indoor positioning prototype using Wi-Fi fingerprint technology; The outcome is an Android application, an Android calibration tool and a positioning engine running on the server.

Sep 2012 –   **Research Assistant at University of Helsinki**
Dec 2012   During this period, I participated in the Internet of Things project, and set up frameworks on Linux to evaluate different protocols over Internet of Things.

June 2012 – **Sep 2012**	**Summer Intern at University of Helsinki** During this period, I participated in the WiBrA project, and updated the implementation of new protocol in Linux kernel and user-space. I also tested in real environment with mobile platform e.g. N900, which helped me to gain much experience of IPv6 signaling.
Nov 2010 – **Jan 2011**	**Research Assistant at Xiangtan University** During the period I lead a group of 2 and participated in the 2011 national NI virtual instrument contest, using NI LabVIEW 2010 to create a CDMA communication teaching system.
Sep 2009 – **June 2010**	**English Tutor** During this period I organized many activities such as the English speech competition, English debating, English corner, which earned me a good reputation among the freshmen and I gained many valuable organization skills.
Oct 2008 – **June 2009**	**Home Tutor** During this period I worked as a home tutor every Sunday in the city center and taught English and mathematics for high school students.

LANGUAGE SKILLS

Chinese: Mother tongue   **English:** Good

Finnish: Basics

IT SKILLS

Operating systems: Linux, Mac OS X, Windows, Android OS, iOS

Programming: Unix Application C Programming, Java, C++, Shell scripting, Android&iOS Application Development, Objective-C, SDK design

Tools: Android Studio, XCode, Eclipse, Jenkins, Jira, Git, JUnit, Mockito, OCMock

Project management: Scrum, Agile

POSITIONS OF TRUST

Dec 2011 – **Jan 2013**	**Head of Services, CSSA-Espoo ry (The Chinese Students and Scholars Association of Espoo ry)** CSSA-Espoo serves mainly Chinese degree students and scholars at Aalto University, as well as alumni. CSSA-Espoo ry was officially registered in 2008. CSSA-Espoo ry was the first organization under AYY to integrate students from all three campuses.

HOBBIES

Play table tennis for company tournaments in Helsinki region.

Build website and develop Android apps with some of my friends.
Jogging & orienteering in forests of Finland in Summer.