Yiran WANG

2015 Summer Intern
Software Engineer

Computer Sciences, UW Madison
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EDUCATION

MAY *2016*	Graduate student in COMPUTER SCIENCE, **University of Wisconsin-Madison**	Madison, WI
SEP 2014	50% Research Assistant @*Prof. Banerjee & Epic Systems* **GPA**: 4.0/4.0		Detailed List of Exams

- CS640: Computer Networks   - CS545: Natural Language Processing
- CS740: Advanced Computer Networks   - CS736: Advanced Operating System

JUN 2014	B.Eng. in SOFTWARE ENGINEERING, **Tongji University**	Shanghai, China
SEP 2010	School of Software Engineering **Top 1.3%** **GPA**: 4.75/5.0		Detailed List of Exams
	Awarded *Honored Graduate of Shanghai* in 2014	

JAN 2013	Exchange Student at **Uppsala University**	Uppsala, Sweden
AUG 2012	Department of Information Technology **GPA**: 4.80/5.0		Detailed List of Exams

WORK EXPERIENCE

CURRENT	**Research Assistant** at **Epic**, EDI Software Developer	Verona WI
AUG 2014	Mobile Bridges system design and Android & iOS client development.	
	Project management & cross-team coordination for Mobile Bridges.	

FEB 2014	**Software Engineer Intern** at **eBay Inc.**, Stubhub QE	Shanghai, China
JUL 2013	- Developed front-end automation test flows for *Stubhub.com*	

- Designed and developed extensive data persistence & access utility
- Independent research on mobile web applications, responsive web & single-page design
- Created an automated testing & data analysis tool *TestNG helper*.
- Designed & developed an internal knowledge sharing website *QE Productivity*

FEB 2013	**Teaching Assistant** at **Tongji University**.	Shanghai, China
JUL 2012	Spring 2012-2013 Java EE Programming Techniques	
	Spring 2011-2012 Assembly Language	

PROGRAMMING SKILLS

Programming in **Java SE/EE**, C++. **Android development**. **Test automation**.
Computer networks. **SDN**. Databases. LibGDX. Cocos2d-x. HTML/CSS. Javascript.

SCHOLARSHIPS AND AWARDS

NOV. 2013	Android Developer Challenge for Chinese College Students (Google Inc.)	The 2nd Prize
SEP. 2013	Google Anita Borg Scholarship (Google Inc.)	
MAY. 2013	National Competition of Transport Science and Technology for Students	The 1st Prize
2011-2013	Excellence Scholarship (Tongji university)	The 1st Prize *Top 5%*

PROJECTS

FEB 2015 -	**OpenNF Optimization**		OpenNF Project
CURRENT	An ongoing research project with Prof. Aditya Akella. My goal is to optimize OpenNF - a new network architecture that combines the idea of **network functions virtualization** (NFV) and **software-defined networking** (SDN) - to provide efficient P2P transmission and guaranteed services.	

FEB 2013 -	**Mobile-based Transportation Auto Survey System**		1st Prize of NACTranS
JUN 2013	A system designed for resident transportation survey, using an **Android app** to collect a user's locations, and estimate the travel chain based on mathematical models and machine learning algorithms.	

MAY 2013 -	**GeoDuel**		See More on Google Play
OCT 2013	An asynchronous social defense-attack game on **Android**, Google Play. Developed with LibGDX.	

JUN 2012	**CatDiff**		See More on Github
	A source code differing/merging program based on Qt.	