Wei Shi

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Education

UoM (University of Manchester)   *Sep. 2017 - Dec. 2018*

M.Sc. in Computer Science (Software Engineering)   *Manchester*

- Research field: IoT (Internet of Things), especially WoT (Web of Things), Fog computing and data performance optimization; SOA and CBSD (Component-based Software Development), especially service/component composition mechanism.

ECUPL (East China University of Political Science and Law)   *Sep. 2012 - Jun. 2016*

B.Eng. in Computer Science (Internet and Information Security)   *Shanghai*

- As the organiser, organized Cyber Security Society.
- Awarded Shanghai Excellent College Student in innovative programmes.
- Awarded Academic Scholarship of Scientific Research in the school year 2013-2014.

ECUPL (East China University of Political Science and Law)   *Sep. 2012 - Jun. 2016*

B.A. in Law   *Shanghai*

- Mastered a systematic view of the civil law system.

Professional Skills

Key Skills	Self-Motivation Leadership Teamwork Problem Solving Critical Thinking
Programming	Java JavaScript C# Objective-C Python SQL SPARQL LaTeX
Development	OOP Design Pattern Git Continuous Integration Agile Development TDD Scrum
Web	HTML CSS BootStrap AJAX XML XML schema JSON XQuery RDF Gulp npm
Backend	Spring Boot Node.js ASP.NET MVC Python Flask MySQL .NET Entity Framework (ORM) Redis
Architecture	Distributed Systems RPC Message Queues SOA Distributed Transactions Architecture Patterns
Others	Linux Shell Docker Penetration Testing Web Security Performance Testing

Work Experience

Full-time, Software Engineer (Data collection team)   *Jun. 2016 - Jul. 2017*

Gridsum Holding Inc.   *Shanghai*

- Contributed to the development of data-collection tools for various Gridsum products within different platforms, including Web-based pages (JavaScript), TV set-top boxes (JavaScript, Java), iOS apps (Objective-C), and Android apps (Java).
- As a CI system (TeamCity) admin, took part in managing and maintaining the Gridsum CI system.

Startup, Co-founder & Lead Software Engineer   *Mar. 2014 - May 2016*

Shanghai Morun Culture Transmission Co., Ltd.   *Shanghai*

- Organized the whole life cycle of the development of software products and maintained IT infrastructure.

Intern, Computer Forensics Engineer   *Dec. 2013 - Jun. 2014*

Judicial Expertise Centre in East China University of Political Science and Law   *Shanghai*

- Fixed, extracted, and analysed electric evidence on different platforms (Windows, Linux, and iOS), in accordance with regulations of computer judicial expertise and the principles of software systems.

Intern, Penetration Test Engineer   *Jul. 2013 - Dec. 2013*

Shanghai LEVSON Internet Technology Co., Ltd.   *Shanghai*

- Assessed and reinforced the network and application security of clients.
- Made penetration test and code audit for applications (white box testing).
- Made safe training for clients and provided solutions when emergencies.

Project Experience

Gridsum Web Dissector / Mobile Dissector/ TV Dissector/ Video Dissector *JavaScript, Objective-C, Java*
GRIDSUM HOLDING INC. *Jun. 2016 - Jul. 2017*
- Contributed to the development of data-collection tool for a Web analytics product (Web Dissector) and mobile app analytics product (Mobile Dissector).
- Iterated and improved the video-watching analytics products, based on TV (TV Dissector) and video mobile apps (Video Dissector).

Realtime Photo-Sharing System *ASP.NET MVC*
SHANGHAI MORUN CULTURE TRANSMISSION CO., LTD. *Aug. 2015 - May. 2016*
- Led the design and implementation of this technological product, mainly based on HTML5 + Bootstrap + AngularJS + ASP.NET MVC 5 + Entity Framework 6 (ORM) + Microsoft SQL Server, running on the Alibaba Cloud.

WeChat Public Platform Service "ECUPL Teaching Affairs" *ASP.NET Web RESTful API*
EAST CHINA UNIVERSITY OF POLITICAL SCIENCE AND LAW *Aug. 2015 - Dec. 2015*
- Delivered a system which integrates with current teaching administration system, the Moodle system, and the teaching affairs system into a WeChat-based service via ASP.NET Web RESTful API.

WeChat Public Platform Service Development *ASP.NET MVC*
SHANGHAI PENGBEI INTERNET TECHNOLOGY CO., LTD. *Jun.2015 - Aug. 2015*
- Took charge of the development of a food-delivered system based on the WeChat Public Platform.

Teaching Management Information Inquiry System *WPF (MVVM)*
EAST CHINA UNIVERSITY OF POLITICAL SCIENCE AND LAW *Apr. 2015 - Jul. 2015*
- Directed and achieved a client-server system used for touch-screen machines, based on Microsoft WPF (MVVM Framework).

Email Authenticity Identification System *WPF (MVVM)*
PANSAFE SOFTWARE (SHANGHAI) CO., LTD. *Sep. 2014 - Jan. 2015*
- Researched validation rules in accordance with Request for Comments (RFCs) and developed the system which identifies the authenticity of emails based on Naive Bayesian.

Honors & Awards

2015	**Certification**, Certificate of Advanced Computer Programmer (Java EE)	*Beijing*
2015	**Competition**, 3nd Prize National Contest of Obtaining Evidence from Electronic Data	*Shenyang*
2014	**Competition**, 3nd Prize in National Contest of College Student Information Security	*Wuhan*
2013	**Competition**, 3st Prize in "Fish-catch Cup" Internet Security Contest	*Shanghai*

Publication

A Forensics Method Based on User Behaviours on Windows Platform *Oct. 2014*
PROCEEDINGS OF CONFERENCE ON COMPUTER FORENSICS *Beijing*
- Focused on the issues of the detection and obtainment of electronic evidence in Windows-based crimes.

Volunteering

Student Representative *Oct. 2017 - Dec. 2018*
THE UNIVERSITY OF MANCHESTER *Manchester*
- As a Student Representative, drew views from students, negotiated with the school, and settled down workable solutions.

Technical Leader *Jun. 2017 - Present*
THE UNIVERSITY OF MANCHESTER CHINA ALUMNI ASSOCIATION *Beijing*
- As a Technical Leader, led the development of the official website of The University of Manchester China Alumni Association.