

Yichen Lu

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PROFILE

- Currently working as Full-Stack Software Developer at Credit Suisse
- **MSc** in Software System Engineering at University College London
- **BSc** in Computer Science at the University of Manchester
- Bilingual in Mandarin (Native) and English (Fluent)

EDUCATION

2016 – 2017	University College London <i>MSc Software System Engineering</i>
2014 – 2016	University of Manchester <i>BSc (Hons) Computer Science</i>
2011 – 2014	Temasek Polytechnic <i>Diploma in Information Technology with merit</i>

WORK EXPERIENCE

Credit Suisse, Singapore, Jul 2018 – Present

Full-stack Software Developer

- Implemented new features for the bank's Risk Management System, implement configuration changes to generate new feed result according to business requirements.
- Developed a monitoring tool using React.js, .NET and Elastic stack.
- Maintained and implemented new features for bank's Messages and Notifications System which built with Spring Boot and RabbitMQ in Java
- Developed RESTful API using Spring boot in Java.
- Configured and maintained TeamCity CI/CD pipelines for different projects

Beijing Sogou Information Service Co Ltd, Beijing, China, Jun 2015 - Aug 2015

Software Developer Intern

- Designed and developed solutions for top customer issue and assisted in tools creation to improve supportability.
- Developed a web application from scratch to managing crawling models and crawlers for the company's web crawler system.

Infocomm Development Authority (IDA), Singapore, Jul 2013 – Mar 2014

Software Developer Intern

- Successfully established the working prototype for the Integrated Case Management System, using ASP.NET.
- Actively contributed to the project of the Integrated Case Management System and took part in the requirement gathering and system design of the application.

VOLUNTEER EXPERIENCE

Code First: Girls, Manchester, UK, Feb 2016 – Apr 2016

Course Instructor

Preparing and delivering course content in Code First: Girls Web development course at the University of Manchester and professionally answer questions from students.

PROGRAMMING LANGUAGES

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|----------------------------|------------------------|-------------------------------|
| • Java (Currently using) | • Python (Experienced) | • Octave/MATLAB (Entry-level) |
| • JavaScript (Experienced) | • C# (Experienced) | |

PRACTICAL SKILLS

- Java Spring boot RESTful API
- Developing web applications and RESTful API using Java Spring boot, C# .NET, Python Flask or Django Framework
- Web application and windows application development using C# in the .NET framework
- Working experience on Elastic stack
- TeamCity CI/CD pipeline setup and configuration
- System analysis and software engineering using UML diagrams
- Software development methodologies such as Agile and DevOps
- MSSQL Server Database management and Oracle SQL Database
- Scientific data analysis using Python or Octave/MATLAB
- Expertise with Linux
- Version control using Git or Subversion
- Proficient with Sublime Text Editor, JetBrains IDEs, Visual Studio