

# Faxiang Wu

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## EDUCATION

<i>Zhejiang University</i>	<i>Sep 2017 - Present</i>
Master candidate of Software Engineering, School of Software Technology	<i>Hangzhou, China</i>
• Current research interests: blockchain technology.	
<i>Jiangxi University of Finance and Economics</i>	<i>Sep 2013 - Jul 2017</i>
Bachelor of Software Engineering, School of Software & Communication Engineering	<i>Nanchang, China</i>

## SKILLS

- Be well-grounded Java programming skills, experience and specification in coding, testing, refactoring and deploying, good understanding of OOP, MVC patterns.
- Fundamental understanding of the development of Java enterprise application. Adept at Java frameworks of Spring, Spring MVC, Hibernate and Mybatis. Primary study of Spring Boot and Spring Cloud as well as microservice architect pattern.
- In-depth study of blockchain technology knowledge and research on the open-source implement of blockchain technology about Bitcoin, Ethereum and Hyperledger Fabric.
- Be familiar with Javascript and React technology stack, basic understanding of MVVM and Flux architectural patterns.
- Be skillful at productivity tools of git, maven, office, markdown, basic linux command and so on.

## INTERNSHIP

<i>Software Development Intern of Qulian Technology Ltd, Hangzhou, China</i>	<i>Jul 2017 - Present</i>
• Qulian is a technology company that researches blockchain technology, company's product development and technology scheme in the industry second to none. It provides leading enterprise level blockchain platform and varieties of industry solutions with blockchain technology.	
• Acted as Java development engineer for the application based on hyperchain blockchain platform.	
• Designed the scheme and smart contract about Ethereum Token based on ERC20 Token Stadand.	
• Organized the sharing meeting to discuss the solution of web security of company's application.	
• Written some patens and publications of company's technology and productions.	

## EXPERIENCE

<i>The supply chain financial platform based on blockchain technology</i>	<i>Dec 2017</i>
• Description: A supply chain business platform served for factors, suppliers and other companies in supply chain system.	
• Involved technology: Java, Spring Boot, Solidity, React, Ant Design, Mysql, etc.	
• My work: Universal utils, excel handle, message module, sms tools, object storage service tools, pdf conversion and so on; Business module coding, platform manage module, production manage module account module, etc.	
<i>Qucunzheng evidence platform</i>	<i>Nov 2017</i>
• Access link: <a href="https://qucunzheng.com/main/hash">https://qucunzheng.com/main/hash</a>	
• Description: A platform to storage and valid your evidence file. You can upload your file, and then system will hash your file and save it to blockchain, and then you can check whether the file is modified.	
• Involved technology: Java, Solidity, Ethereum, React, etc.	
• My work: The full coding of the server.	
<i>Workflow</i>	<i>Oct 2017</i>

- Description: A small automatic api access tool just like postman. But it can first define the api interface, request data and invoke order, and then in every time init and test business processor of the system, just run one command, which increased efficiency and avoid the repetitive jobs.
- Involved technology: Javascript, NodeJS.
- My work: personal small script tool.

#### *Debt Capital Markets Settlement Trading System*

*Sep 2017*

- Access link: [http://139.219.65.157:8083/dcm/module/login\\_asso.html#/](http://139.219.65.157:8083/dcm/module/login_asso.html#/)
- Description: A decentralized settlement trading system based on hyperchain blockchain platform. Proof of Concept Project for verifying the business process.
- Involved technology: Spring, Spring MVC, Hibernate, Swagger, Mysql, Hyperchain and so on.
- My work: Account manager module and primary issue module. Account module provided fundamental access and authorization control. And primary issue module was the implement of settlement primary issue business.

#### *Logistics Data Asset Management Platform*

*Jul 2017*

- Description: A decentralized logistics platform, used blockchain technology to save logistics data for avoiding participants in this system to fake others.
- Involved technology: Java, Maven, Solidity, Ethereum, etc.
- My work: Integrating data APIs from different places and made a data cleaning, and then provided accessible web service interface to upper-level application system for storing the processed data into ethereum or hyperchain blockchain platform.

#### *Trajectory Movie Information App*

*May 2016*

- Description: An android-developed app that used data APIs from douban developers platform (<https://developers.douban.com/>), provided the fundamental movies information display with material design.
- Involved technology: Android.
- My work: As project leader of the team, was responsible for analyzing, designing, assigning programming tasks and controlling as well as adjusting project progress plan.

#### *Maven-based News Distribution Platform*

*May 2016*

- Description: A java web project in Java EE lesson class. It contained the news module, comment module, link module.
- Involved technology: Java, Maven, JDBC, Servlet, JSP, Bootstrap, JQuery and so on.

#### *Images Matching App*

*Jun 2015*

- Description: An interesting small app which implemented a function of matching images. After you uploaded a images, and then the app would show you the similar images in database. It's client is developed by android, the server developed by Java. Addition, the image match algorithm is based on Perceptual hash algorithm and the communication between client and server was based on socket communication protocol.
- Involved technology: Android, Java, Socket, PHA and etc.

#### *Personal Website*

*Dec 2014*

- Access link: <https://www.faxiang.site/>
- Involved technology: Github Pages, Javascript, Hexo, Markdown.

## RESEARCH

#### *The Universal Electronic Coupon System Based on Blockchain Technology*

*Jun 2017*

- Description: my bachelor's thesis, which designed and implemented a universal electronic coupon system with ethereum blockchain platform.
- Content: I analyzed the problems of current coupon system, and then I explained the advantages of using blockchain technology in coupon system, in the meanwhile i introduced the design and special spot in this system. Finally, i built a demo implement of this electronic coupon system.

#### *A Box-Office Forecasting Model Based on C5.0 Decision Tree*

*Jun 2016*

- Method: In this article, 200 Chinese films released in 2015 are selected as experimental data, the factors that make contributions to the chosen box-office are evaluated by utilizing data analysis to see their predicted significances and profound relevancy between Baidu index and the box office. Ultimately, C5.0 decision tree proves to be the best after experiments in virtue of multiple logistic regression analysis, Bayesian network and CHAID tree approach.

## ADDITION

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### *Honors*

- Some national or provincial level programming and software competitions awards, like Lanqiao Cup, GPLT.
- Enterprise scholarship, merit student honors, outstanding graduates honors during college.

### *Abilities*

- Communication: Acted as class monitor in senior year during undergraduate stud. Managed the class affairs and organized many activities in which I communicated with students, teachers and leaders.
- Teamwork: Be fond of working in a team, finishing tasks with good quality on time and helping others to achieve high efficiency of whole team. Be willing to share knowledge and have a discussion to gain more from others and create a better atmosphere for cooperation and interaction.
- Problem-solving: With positive attitude towards difficulties, I always keep a habit of taking notes and making summaries. Then thinking and analyzing in a comprehensive way to find the best solution.

### *Activity*

- Participated in Mobile Programming and Experiencing in JUFU and DU Joint Summer School. Studied the Android Programming Course with the students from Dalarna University in Sweden and obtained the certificate of graduation.

### *Interests*

- Enthusiastic about technology.
- Photography, mountain biking, playing badminton and gaming.

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