

# Chen Jiayang

a senior student and will graduate in 2018

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Education	Shanghai JiaoTong University	Sep.2014 - Present
	Major, Software Engineering    CET4 624   CET6 524   TOEFL 89 (R 23 L 20 S 20 W 26)	
	Minor, Law	

Internship	<b>CMB IT Department</b>	Jun.2017 - Present
	<b>Credit Card Centre · Java Development Intern</b>	
	Develop an App showing the version information of TEE Component and an security folder App base on the TEE Development Kit.	
	<b>TrustKernel Information Technology</b>	Mar.2017 - Jun.2017
	<b>Andorid Development Intern</b>	
	Develop an App showing the version information of TEE Component and an security folder App base on the TEE Development Kit.	

Projects	<b>Distributed OTC Trading System</b>	May.2017 - Jun.2017
	<a href="https://github.com/jiayangchen/Distributed_Trading_System">github.com/jiayangchen/Distributed_Trading_System</a>	
	Team project , I am responsible for the implement of <b>Broker Gateway</b>	
	Broker_Gateway is designed for <b>complex trading logic</b> and it can support <b>four kinds of orders</b> included Market Order, Stop Order, Limit Order and Cancel Order. It can also <b>maintain Market Depth</b> for different products. It uses ActiveMQ <b>queue mode</b> to create queues and then receive orders from Trader_Gateway. It uses <b>topic mode</b> to broadcast information to Trader User in the same company. <b>Redis</b> is used to cache important orders' information and write back to database regularly. <b>Websocket</b> is used to push latest Market Depth to Broker UI. <b>Nginx</b> is used to implement load balance between Broker_Gateway.	
	<b>ToSee</b>	Apr.2017 - Jun.2017
	<a href="https://github.com/jiayangchen/ToSee-Android-App">github.com/jiayangchen/ToSee-Android-App</a>	
	Independent developer, an articiel social app for travellers based on RMP Data System	
	Responsible for the development of the app, using <b>Fragment and BottomNavigationBar</b> for framework design. <b>Functional modules</b> contain Recommended Articles, Article Category, Social module, Timeline and Personal Center. Use <b>OKHttp</b> for internet request, <b>Fresco</b> for image loading and <b>RESTful</b> Web Service for client design. Design an easy-work time-line ui. The functions in this app are much similar to <b>Jianshu</b>	
	<b>Emotion Theme</b>	Nov.2016
	<a href="https://github.com/jiayangchen/Emotion_Theme">github.com/jiayangchen/Emotion_Theme</a>	
	4 members' project for 2016 <b>Microsoft Hackathon</b> , being the <b>team leader</b>	
	Use Project Oxford api to <b>evaluate a user's emotion</b> , then <b>associate</b> a wallpaper with the specific emotional data, then change the windows theme color and its wallpaper. Develop an app to show the <b>history of emotion data</b> in one week and it can ask for doctor's advice if needed. In the Python class, based on the original project, adding content-based and user-based recommended algorithm. In the HCI class, according to the emotional identification, send the corresponding expression images.	
	<b>Online Bookstore</b>	Mar.2017 - Jun.2017
	<a href="https://github.com/jiayangchen/web-ssm">github.com/jiayangchen/web-ssm</a>	
	Independent developer, an online bookstore based on java web	
	Use <b>SSM framework</b> to implement main structure, adding <b>Spring Shiro</b> to implement <b>verification and authorization</b> . Use <b>ActiveMQ</b> to process orders and websocket to make a chatroom. <b>Redis</b> is used to cache book information. It can provide <b>SOAP</b> and <b>RESTful</b> Web Service. <b>Apache Lucene</b> is used to do full text search.	
	<a href="#">More open sourced projects on my website</a>	

Experience	<b>SJTU Student Affairs Center</b>	Oct.2014 - June.2016
	<a href="http://affairs.sjtu.edu.cn">affairs.sjtu.edu.cn</a>	
	Minister of Netcom Department	
	<b>Largest work-study organization</b> in SJTU, served as <b>Netcom Minister</b> , responsible for <b>news interview, payroll audit</b> . During the tenure, the number of departments <b>doubled</b> , many <b>articles</b> are <b>reprinted</b> by the Chinese college students online.	
	<b>SEIEE Student Union</b>	Oct.2014 - May.2016
	<a href="http://www.seiee.com">www.seiee.com</a>	
	Vice Minister of Publicity Center	
	<b>Largest student organization</b> at my college. Responsible for party planning, poster production as well as welcome party planning, micro-film shooting and post-editing.	

## Voluntary work

Nov.2014 - Present

2014、2015、2016 **Shanghai International Marathon** volunteer; 2016 SJTU **120th anniversary** volunteer

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### Awards

National Olympic Competition Physics Jiangsu Province 1st Prize Sep.2013

2017 American College Students Mathematical Contest [Honorable Award](#) Jan.2017

SJTU "Pieces" Essay contest [Best Film Critics](#) May.2017

SJTU Student Affairs Center Excellent cadres June.2016

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### Skills

Java, C++, Python, Ubuntu, Chinese Painting 10th Level

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### Interests

Football, Movies, Android Development