

# LIN XIA

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Seeking for 2018 Summer Software Engineering Intern

EDUCATION	<b>Master of Computer Science (Software Engineering)</b> University of Southern California	Aug. 2017 – Dec. 2018
	<b>B.S. Software Engineering</b> University of Electronic Science and Technology of China	Aug. 2011 – Jul. 2015 GPA 3.7
<b>Relevant Coursework:</b> Software Engineering, Algorithms, Mainframe BD2, System Analysis and Design, Object-oriented Programming, Principles of Computer Organization and Architecture, Operating System, Database, Software Management and Economics		
SKILLS	<b>Programming Languages:</b> JavaScript(ES6); C++; C; Java; HTML; CSS; SQL <b>Framework and Platform:</b> Android; Angular; jQuery; MySQL	
EXPERIENCE	<b>Software Engineer :: TCL Multimedia(smart TV makers) :: Shenzhen :: China</b>	Jul. 2015 – Nov. 2016
	<ul style="list-style-type: none"><li>● Implemented responsive TV user interfaces, including TV home page, video search &amp; recommendation page, movie category page and browsing history using HTML5, CSS3 across 6+ browsers</li><li>● Led a team of 3 developers in optimization of TV video search application, reducing initial loading time by 40%(7000ms) and subsequent loads by 30%(5000ms).</li><li>● Migrated TCL Live TV app from mobile Android 4.3 to Android TV 5.0, involving refactoring a large amount of code to meet Google TV standard</li></ul>	
	<b>Software Engineering Intern :: IBM :: Beijing :: China</b>	Jul. 2013 – Oct. 2013
	<ul style="list-style-type: none"><li>● Built user management system, accomplished access control list for 3 types of users</li><li>● Collaborated with a team of 5 interns to work on bug fixes on mini bank system; reduced system bugs by 26%</li><li>● Designed logical data structure and drawn E-R diagram for customers and tellers of mini Bank</li></ul>	
PROJECTS	<b>MiniBank :: A small-scale simulation of bank transaction system</b>	Jul. 2011 – Oct. 2013
	<ul style="list-style-type: none"><li>● Maintained Transaction code management function which allows Senior teller to check and modify transactions</li><li>● Designed Batch system, allowing system to flash copy, ledger validation, Interest calculation</li></ul>	
	<b>Talk to me :: A Google-Home like Android speech recognition device.</b> ( <a href="https://youtu.be/Gq9AD1bJtmA">https://youtu.be/Gq9AD1bJtmA</a> )	Nov. 2013 – Apr. 2012
	<ul style="list-style-type: none"><li>● Performed sentence parsing function, constructing formal logic queries by word splitting with given grammar.</li><li>● Built communication protocol between device and mobile client based on HTTP, including text/voice transmission</li></ul>	
	<b>Bus Nap :: an android application to remind users when approaching the destination.</b>	Jun. 2012 – Oct. 2012
	<ul style="list-style-type: none"><li>● Implemented a hybrid approach to alarm, consisting of dynamic strategy using GPRS and Google Map API and pre-calculated data using time duration between stations to predict the arrival time</li></ul>	
HONORS	National Scholarship (Top 5%), awarded by Ministry of Education of China :: 2014 Google Android College Student Contest, Third Prize :: Southwest China Region :: 2012 Baidu Machine Learning Innovation Programming Contest, First Prize :: 2014	