

# Jiamin He

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SUMMARY	A master student in UCSD Computer Science Program, seeking a full time full stack software engineering job. Have rich experience in Java, mobile development and web development (React, Node.js, javascript). Looking for impactful and challenging projects.		
SKILLS	<b>Programming:</b> Java, Python, Android Development, C++, Ocaml, Prolog, Verilog <b>Web:</b> Javascript, CoffeeScript, jQuery, React, express.js, mustache.js <b>Softwares:</b> MATLAB, LabVIEW, Altium Designer/Multisim, DSP/ARM coding		
EXPERIENCE	<b>Groupon Inc., CA</b>	Jun - Sept 2018	
	Backend Engineering Excellence Team	Software Engineer Intern	
	<b><i>Libraries Management Dashboard</i></b>	<b>Java, Node.js</b>	
	<ul style="list-style-type: none"><li>- Designed and implemented a <i>Libraries Management Dashboard</i> to expose information regarding all services within Groupon that use Java Tier Libraries, which also supports query, debug and communication operations</li><li>- Designed the service logical architecture, designed a MySQL database, implemented RESTful APIs with Dropwizard in Java, designed the Groupon internal tool template and implemented the frontend in Node.js and also CoffeeScript, express.js and mustache.js</li><li>- The project is ongoing and will be tested internally, which is estimated to save most of the time wasted on resolving compatibility issues when new releases are cut</li></ul>		
	<b>RobeSafe Group, Spain</b>	July - Sept 2017	
	Product Development and Innovation	Software Engineer Intern	
	<b><i>AutoPanel: the Interactive Automotive Dashboard</i></b>	<b>React</b>	
	<ul style="list-style-type: none"><li>- Proposed and developed a prototype of the interactive network visualization component for autonomous self-driving vehicles, which will be tested on real model in 2018</li><li>- Designed and developed multiple data visualization UI components using React framework</li><li>- Executed multiple tests for supporting the Robesafe feature on Human Machine Interface</li></ul>		
	<b>Massachusetts Institute of Technology (MIT), MA</b>	Jan - June 2017	
	Computer Science and Artificial Intelligence Lab (CSAIL)	Researcher	
	<b><i>Cyber-Manufacturing and widely 3D-Printing</i></b>	<b>WebGL, javascript, Node.js</b>	
	<ul style="list-style-type: none"><li>- Primary full stack developer and architect of CyberFab: a cloud platform for online 3D editing and rendering</li><li>- Investigated the automatic detection and assistance algorithm to help novice users, achieved more than 62.7% support in pilot participants</li><li>- Designed unified interfaces for different products to simplify user study process</li></ul>		
	<b>McGill University, Canada</b>	Aug - Dec 2016	
	Accessible Computing Technologies Lab, Information of Studies	Researcher	
	<b><i>Performance Evaluation of Elder's Touch-Selections</i></b>	<b>Android, Java, Python</b>	
	<ul style="list-style-type: none"><li>- Designed an Android tablet Application with audio feedback and invented instant performance evaluation loop in Fitts's Model, coded Leap Motion to detect movements in 3D coordinates</li><li>- Automated calculations of different measures and errors, achieved more than 42.5% improvement than past models</li><li>- Extracted user's implicit information from serialized data on shaking/hovering/slipping motion</li></ul>		
EDUCATION	<b>University of California San Diego (UCSD), CA</b>	Dec 2018 (Expected)	
	<b><i>Master of Science in Computer Science</i></b>	GPA: 3.9/4.0	
	<b>Tianjin University (TJU), China</b>	June 2017	
	<b><i>Bachelor of Engineering in Electrical and Computer Engineering</i></b>	GPA: 3.87/4.0	
	<b>Volunteer</b> Groupon Volunteers Employee Group	2018	
	<b>Volunteer</b> ACM CHI'17 Conference on Human Factors in Computing Systems	2017	
LEADERSHIP & ACTIVITIES	<b>President</b> Student Union Association, Tianjin Univ.	2015 - 2016	