

# Ye (Scott) Cheng

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ABOUT	Creative hacker. Full-stack developer. Product enthusiast. Self-taught designer. Entrepreneur.	
EDUCATION	<b>Stanford University</b> , Stanford, CA	2013–present (on leave)
	<i>M.S. in Computer Science, Specialized in Human-Computer Interaction</i> Selected Courses: Human-Computer Interaction Design, Research Topics in Human-Computer Interaction, Machine Learning, Mining Massive Data Sets, Computer Vision, Databases, Computer Security, Programming Languages, Strategy in Technology-Based Companies.	
	<b>Peking University</b> , Beijing, China	2009–2013
	<i>B.S. in Computer Science with Honors and Scholarships</i> Selected Courses: Data Visualization, Computer Networks, Compilers, Operating Systems.	
EMPLOYMENT	<b>Dataveyes</b> , Paris, France	2015
	<i>Data Visualization Engineer Intern</i> (React.js, D3.js, Node.js, ECMAScript 6) Prototyped and developed data visualization concepts for future smart cities.	
	<b>Twitter</b> , San Francisco, CA	2014
	<i>Software Engineer Intern</i> (Backbone.js, Ruby on Rails) Prototyped new experience of creating mobile app promotion campaigns on Twitter Ads. Worked with designer to conduct user testing and iterate on UX design and prototype. Built image crop & zoom feature in Twitter Ads campaign management interface. Open-sourced underlying library at <a href="https://github.com/scottcheng/cropit">scottcheng.github.io/cropit</a> .	
PROJECTS	<b>Jiebang</b> (China's Foursquare), Beijing, China	2011
	<i>Product Manager &amp; Software Engineer Intern</i> Product design, UX design, and full-stack dev in Jiebang Profile project.	
	<b>Sparkl</b> (web application   AngularJS, Node.js, WebSocket, MongoDB)	2014-2015
	<i>sparkl.us</i> Online real-time collaboration platform. Tech co-founder. Full-stack dev and UI+UX design.	
	<b>Synapp</b> (web application   AngularJS, Ruby on Rails)	2013-2014
	<i>synapp.stanford.edu</i> Research project. Building a platform to facilitate discussion and decision-making on complex problems in a large crowd. Full-stack dev and UI+UX design.	
	<b>Conversive</b> (web prototype   JavaScript, Firebase)	2014
	Designed, prototyped and validated a novel approach to bringing real-time classroom-style discussion to MOOC. Demo and paper available upon request.	
	<b>Co.found</b> (mobile web application   AngularJS, Node.js, MongoDB)	2014
	<i>co-found.herokuapp.com</i> Cofounder networking platform for Stanford community. UI+UX design and front-end dev.	
	<b>Visualization of Beijing Air Pollution</b> (visualization   D3.js)	2012
SKILLS	<i>scottcheng.github.com/bj-air-vis</i> Interactive visualization illustrating Beijing air pollution in time and space.	
	JavaScript/ES6/CoffeeScript, Python, C++, Java, Ruby, Matlab, SQL, HTML5, CSS3, Git. Human-centered design, UI+UX design.	
INTERESTS	Sports: soccer, tennis, squash, running, etc. Music: piano, electone. Wanderlust.	