

# Ye (Scott) Cheng

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ABOUT	Creative hacker. Full-stack engineer. Product enthusiast. Self-taught designer. Entrepreneur. Looking for full-time positions starting Summer 2016.
EDUCATION	<div><div><b>Stanford University</b>, Stanford, CA2013–present</div><div><i>M.S. in Computer Science, Specialized in Human-Computer Interaction</i></div><div>Selected Courses: Intro to HCI Design, HCI Design Studio, Research Topics in HCI, Machine Learning, Mining Massive Data Sets, Artificial Intelligence, Computer Vision, Databases, Computer Security, Programming Languages, Strategy in Technology-Based Companies.</div></div> <div><div><b>Peking University</b>, Beijing, China2009–2013</div><div><i>B.S. in Computer Science with Honors and Scholarships</i></div><div>Selected Courses: Data Visualization, Computer Networks, Compilers, Operating Systems.</div></div>
EMPLOYMENT	<div><div><b>Dataveyes</b>, Paris, France2015</div><div><i>Data Visualization Engineer Intern</i> (React.js, D3.js, Node.js, ECMAScript 6)</div><div>Prototyped and developed data visualization concepts for future smart cities.</div></div> <div><div><b>Twitter</b>, San Francisco, CA2014</div><div><i>Software Engineer Intern</i> (Backbone.js, Ruby on Rails)</div><div>Built image crop &amp; 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>.</div><div>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.</div></div> <div><div><b>Jiebang</b> (China's Foursquare), Beijing, China2011</div><div><i>Product Manager &amp; Software Engineer Intern</i></div><div>Product design, UX design, and full-stack dev in Jiebang Profile project.</div></div>
PROJECTS	<div><div><b>Sparkl</b> (web application   AngularJS, Node.js, WebSocket, MongoDB)2014-2015</div><div><i>sparkl.us</i></div><div>Online real-time collaboration platform. Product co-founder. Full-stack dev and UI+UX design.</div></div> <div><div><b>Synapp</b> (web application   AngularJS, Ruby on Rails)2013-2014</div><div>Research project under Stanford Crowdsourced Democracy Team. Built a platform to facilitate decision-making on complex problems in a large crowd. Full-stack dev and UI+UX design.</div></div> <div><div><b>Conversive</b> (web prototype   JavaScript, Firebase)2014</div><div>Designed, prototyped and validated a novel approach to bringing real-time classroom-style discussion to MOOC. Demo and paper available upon request.</div></div> <div><div><b>Co.found</b> (mobile web application   AngularJS, Node.js, MongoDB)2014</div><div><i>co-found.herokuapp.com</i></div><div>Cofounder networking platform for Stanford community. UI+UX design and front-end dev.</div></div> <div><div><b>Visualization of Beijing Air Pollution</b> (visualization   D3.js)2012</div><div><i>scottcheng.github.io/bj-air-vis</i></div><div>Interactive visualization illustrating Beijing air pollution in time and space.</div></div>
SKILLS	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.