

YAN ANNIE JIAO



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🏠 <http://anniejiao.me/>



SKILLS

javascript mongoDB
haskell meteor
python heroku
d3.js angularJS
react.js
node.js



COURSES

2014 - 2015

computer system engineering
computational photography
design and analysis of algorithms
artificial intelligence
computational cognitive science

Previous

introduction to algorithms
UI design & implementation
elements of software construction
android app development
computational structures
math for computer science
probability and random variables
consumer behavior



INTERESTS

📷 photography

[flickr.com/anniejiao](https://www.flickr.com/photos/anniejiao/)

🎨 illustration

anniejiao.me

🏠 Habitat for Humanity

volunteer 3 houses + 1 garage & counting!



EDUCATION

2016 ○ [massachusetts institute of technology](#)
bachelor of computer science and software engineering; GPA: 4.5/5.0



EXPERIENCE

2017
may ○ [tesla software engineer](#), [firmware python](#) [haskell](#)
design, build, and optimize infrastructure for specifying signal/messaging networks; design schema/API and implement integration for auto-diagnostics between software, vehicle firmware, and harness data.

2016
may ○ [salesforce software engineer](#) [node](#) [react](#)
profiles and then orchestrations team for IoT cloud. developed web components, routing, and APIs.

2016
jan ○ [natie internship](#) [node d3](#) & [greensock animation](#)
designed interactive web graphics for branding firm natie

2015
summer ○ [salesforce internship](#) [node d3](#) [aws](#) [heroku](#) [java](#)
performance for the IoT cloud; designed automated performance testing & automatic report generation

2014
summer ○ [locus analytics intern](#) [node](#) [mongo](#) [meteor](#) [d3](#) [react](#)
built an internal mobile web application and an interactive data visualization for simulating investment and viewing fund performance.

2014
spring ○ [MIT media lab research project](#) [node d3](#) [react](#)
fluid interfaces group; brainstorm and implement software applications for capacitive, photo-sensitive, wifi-enabled glass surfaces with embedded displays.

2014
spring ○ [what song is it anyway?](#) [android app](#)
the game scores the player based on how well they know their device's music library; currently in google play store

2014
-2015 ○ [MIT, department of EECS](#) [teaching assistant](#)
taught, graded, and created exams & problem sets for 6.042 (math for computer science). topics include proofs, graph theory, number theory, asymptotics, probability, etc.

2013
summer ○ [university of hong kong](#) [security intern](#) [arduino](#)
implemented peer-to-peer integrity checks between neighboring SmartMeters, installed in households to track utilities usage and report to resource companies