YAN ANNIE JIAO



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

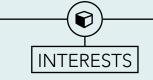


2014 - 2015

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



o photography

flickr.com/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



tesla software enginner, firmware python haskell 2017

may 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 salesforce software engineer node react

may profiles and then orchestrations team for IoT cloud. developed web components, routing, and APIs.

2016 natie internship node d3 & greensock animation jan designed interactive web graphics for branding firm

2015 salesforce internship node d3 aws heroku java performance for the IoT cloud; designed automated summer

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

performance testing & automatic report generation

2014 MIT media lab research project node d3 react

spring fluid interfaces group; brainstorm and implement software applications for capacitive, photo-sensitive, wifi-enabled glass surfaces with embedded displays.

2014 what song is it anyway? android app

-2015

2013

summer

the game scores the player based on how well they know spring their device's music library; currently in google play store

2014 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.

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