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vincent chen

developer • thinker • entrepreneur

education

Stanford University • stanford, ca • 2014-present
bachelor of science, intended major: computer science & philosophy

High Technology High School • lincroft, nj • 2010-2014
gpa: 3.85 / 4.0

experience

Columbia University B.M.E. • electrical engineer • sep2013-jan2014
developed low-cost LED phototherapy unit for treatment of neonatal jaundice; signal processing for neonatal vital signs monitoring system using MATLAB

Stevens Inst. of Technology • research engineer • summer2013
developed and fabricated PZT nanogenerator; multiphysics simulation work; co-authored "Piezoelectric Leaf Generator for Wind Energy Harvest" paper for American Society of Mechanical Engineers 2014 IDETC/CIEC

projects

H.T.H.S. Secret Santa
hths-secret-santa.tk • developer
secret santa client for students at High Technology High School; features pairing algorithm and unique user preferences for optimized experience

Chainge
chainging.us • front-end engineer
productivity management application designed to help users develop long-term habits using visual feedback

Fashion Blueprint
fashionblueprint.herokuapp.com • developer
platform to help users determine the best outfit to wear on any given day; implemented with WeatherUnderground API; built for HackMIT Blueprint; winner of "Most Humorous Application"

skills

languages
html / css • • • • •
javascript • • • •
php / mysql • • • •
java • • • •
python • • • •
arduino • • • •

design / media
photoshop • • • • •
illustrator • • • • •
indesign • • • • •
premiere pro • • • •

data / research
excel • • • • •
MATLAB • • • •