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2014

Charlie Xu

Education.

Cornell University
2012-2016 (exp)
Bachelor of Science, Biological Engineering
Concentration in Bioprocess Engineering

Experience.

Undergraduate Researcher
JT Butcher Laboratory
Manages subproject in 3D Bioprinting of Heart Valves

Teaching Assistant
Electricity & Magnetism
Mentors 50 students in recitation and office hours

Project Lead
Pearl
Pearl will help students make intelligent class selections by
connecting them to crowd-sourced data and analytics

Chimesmaster
The Cornell University Chimes
Performs tri-weekly in the iconic McGraw Chimes Tower

Residential Community Advisor *[past]*
Cornell Summer College
Advised 20 high school students around-the-clock, designed
enriching programs to socialize and explore Ithaca

At a Glance.

Changing the world starts with a seed idea and passion. I'm enlivened by generating ideas and inspiring others. Combining ideas with passion, we can work together to solve problems that matter.

Courses.

Fluid Mechanics
BioTransport Processes
Thermodynamics
Biochemistry
Engineering Statistics
Solids and Statics
Electricity and Magnetism
Mechanics and Heat
Organic Chemistry
Comparative Physiology
Cellular Biology

Techniques.

Western Blot
PCR
Cell Culture
Confocal Imaging
Fluorescence Microscopy
Alkaline Phosphatase Stain
Live/Dead Stain
Masson's Trichrome Stain
Immunohistochemistry Stain