jackie lee liu

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cambridge, ma
02142

EXPERIENCE

MIT Self-Assembly Lab
Undergraduate Researcher (UROP)

cambridge, ma
june - august 2015

- Designed fluid-assembling chair, self-assembling cellphone and granular jamming experiments using digital fabrication techniques
- Ideated and experimented for immersive granular jamming installation

MIT Media Lab - Design Fiction Group
Undergraduate Researcher (UROP)

cambridge, ma
spring 2015

- Coded and designed a JavaScript-intensive webapp in collaboration with speculative designer Ai Hasegawa in her "(im)possible baby" project
- Webapp featured on Japanese national TV in October with an integral role in the project's documentary
- Project won Excellence Award at 19th Japan Media Art Festival

EDUCATION

Massachusetts Institute of Technology
Candidate for B.S. in Electrical Engineering and Computer Science

cambridge, ma
june 2018

Relevant coursework:

Electricity and Magnetism	Workshop in Computational Design
Intrduction to Algorithms	Mathematics for Computer Science
Linear Algebra	Software Construction *(spring '16)*

West Morris Central High School
International Baccalaureate Diploma Recipient, AP Scholar

chester, nj
june 2014

Relevant coursework:

IB Physics HL	IB Visual Arts HL

SKILLS

Code

Python, JavaScript
Java, C/C++
HTML, CSS, jQuery
Git, Bash, Meteor
Arduino

Design

Painting, graphic design, illustration
UI/UX design, digital fabrication
2D Software: Photoshop, Illustrator, InDesign, Flash
3D Software: AutoCad | Rhino

PROJECTS

skiary
Web Application for MIT 6.148 Web Programming Competition

january 2016

- Full stack development of online personal diary
- Designed and implemented a dynamically generated user-interface based on time and geolocation of diary entry
- Awards in Most Impressive UI and 3rd Place Rookie Division