

Freesoul-Kofi El Shabazz-Thompson

www.freesoul.id
yes@freesoul.id
+1 412 295 9517
+223 (0) 57 288 6471
Pittsburgh, PA (USA) / Iture, Elmina (Ghana)

Education

Northwestern University, Evanston IL
McCormick School of Engineering
Segal Design Institute
Major: **Manufacturing and Design Engineering**
Graduation: September 2019
GPA: 3.1/4.0

Bio

"I'm a designer, engineer, and artist pursuing work in regenerative design. I'm interested in designs pertaining to systems, and how communities and individuals can be engaged differently to iterate on the institutions, structures, products and cultures that impact their lives the most.

Experience

Artist Educator in Residence CCEEE Pittsburgh Public Schools
March 2020, Pittsburgh PA *interrupted by covid19
mentored continental african middle & high schoolers via visual arts, collaborative project WIP

Design Engineer (Hardware Lead) Cattle Tech
winter 2018 - summer 2019, Evanston IL & Sisaket Thailand
“researched, designed, prototyped and tested software and hardware for virtual cattle containment for client Raitong Organics Farm”

Admin & Design Aide Segal Design Institute
Fall 2018 - Summer 2019, Evanston IL
“graphic design, administrative tasks and design/build projects for the department”

Engineering Intern LTA Research & Exploration llc
Summer 2018, Mountain View CA
“research and design, rapid prototyping and manufacturing for lighter-than-air technology”

Compass Peer Mentor Northwestern University
Fall 2017 - Summer 2018, Evanston IL
“design of social events & workshops; peer mentor to “pod” of 4 compass students”

Youth Philanthropy Intern The Heinz Endowments
Summer 2015, Pittsburgh PA
“researched, created rfp's & design constraints—awarded \$25,000 to pittsburgh non-profit; produced blog, video and public radio project hosted at heinz.org”

Skills

Studio

3d printing
injection molding
shop (machine/hand)
[cnc] milling (manual, hass)
sewing

Programs

adobe photoshop
adobe premier pro
cad + cam (solidworks, nx)
rhino (beginner)
rendering (keyshot 8)
ableton live
arduino ide (learning)
osx + windows factory apps

Computation

html, css
matlab
python
git
js (learning)

Language

english
chinese (mandarin hsk2)
fante (beginner)

Soft

empath
research
design thinking
growth mindset
self-direction
intercultural
teammate