

## 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 experimental sculptor** pursuing work in **regenerative design**. Born and rooted in Elmina, Ghana, yet growing up throughout the US tristate area has afforded me a **cross cultural intuition de l'instant**. Emergent from this is my interest in the **design of institutions and systems**, and how communities and cultures can be engaged differently to iterate on those **institutions, structures, and products** that impact their lives the most. The core of my work is about **exploring and recreating relationships with nature in order to use all we have towards generating wholeness of experience for all**.*

## experience

cattle tech, evanston il **design engineer (hardware lead)**  
winter 2018 - summer 2019  
"researched, designed, prototyped and tested software and hardware for virtual cattle containment for client *raitong organics farm, sisaket thailand*"

segal design institute, evanston il **admin/design aide**  
fall 2018 - summer 2019  
"graphic design, administrative tasks and design/build projects for the department"

lta research & exploration llc, mountain view ca **engineering intern**  
summer 2018  
"research and design, rapid prototyping and manufacturing for lighter-than-air technology"

northwestern university, evanston il **'compass' peer mentor**  
fall 2017 - summer 2018  
"design of social events & workshops; peer mentor to "pod" of 4 compass students"

aon studios, chicago il **media intern**  
fall 2016 - winter 2016  
"photographed, filmed & edited content for artists; co-produced interviews"

the heinz endowments, pittsburgh pa **youth philanthropy intern**  
summer 2015  
"researched, created rfp's & design constraints—awarded \$25,000 to pittsburgh non-profit; produced blog, video and public radio project hosted at heinz.org"

## freesoul-kofi el shabazz-thompson

[www.freesoul.id](http://www.freesoul.id)  
[yes@freesoul.id](mailto:yes@freesoul.id)  
[ig@freesoul.id](mailto:ig@freesoul.id)  
+1 412 295 9517  
+223 (0) 57 288 6471

pittsburgh, pa (usa)  
iture, elmina (ghana)

## skills

### **studio**

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

### **programs**

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

### **computation**

html, css  
matlab  
python  
git  
c++ (learning)

### **language**

english  
chinese (mandarin hsk2)  
fante (beginner)

### **soft**

empath  
research  
design thinking  
growth mindset  
self-direction  
intercultural  
teammate

## awards and support

resnick family fund (cattle tech)  
siemens nx design competition  
(northwestern university 2018)