

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 designs 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”

ita 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

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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)