



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

experience

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

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

ita research & exploration llc, mountain view ca **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 2018 - winter 2018
“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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4726 stanton ave pittsburgh pa 15201 (usa)
58/20 iture, elmina (ghana)

skills

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

programs
adobe photoshop
adobe premier pro
cad + cam (solidworks, NX)
keyshot 8
ableton live 10 suite
osx + windows factory programs

computation
matlab
html, css
python

language
english
chinese (mandarin hsk2)

awards and support
resnick family fund (cattle tech)
siemens NX design competition
(northwestern university)

a creative and highly driven recent-grad
seeking opportunities to demonstrate and
practice whole-brain engineering and design
in an inspiring environment