

Freesoul-Kofi El Shabazz-Thompson

Education

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Pittsburgh, PA (USA) / Iture, Elmina (Ghana)

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

AI Trainer OpenAI

August 2020 - Present, [Remote]

Train AI systems to write summaries by reading, writing, comparing, and critiquing

Intern at Phipps Conservatory

June 2020 - August 2020, Pittsburgh PA

Horticulture and Botanic Practice; Maintained Center for Sustainable Landscapes, Exhibit Staging Center beds and plants, designed portions of displays

Artist Educator in Residence CCEEE Pittsburgh Public Schools

March 2020, Pittsburgh PA *interrupted by covid19

mentored continental african middle & high schoolers via visual arts

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

cad + cam
solidworks
nx11
inventor
rhino (beginner)
keyshot 8
blender (beginner)
ableton live
arduino ide (learning)
adobe photoshop
adobe premier pro
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
team player