

# Freesoul-Kofi El Shabazz-Thompson, Resume

## Contact

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## Bio

I'm a designer, engineer and artist always looking to create and communicate. By bringing the intersection of my skills and interests to communities and individuals, I work to collaboratively iterate on and redefine the institutions, physical structures, and products that impact our lives the most. I'm always excited to talk about regenerative and developmental design, radical education, and permaculture!

## Education

Northwestern University, Evanston IL  
McCormick School of Engineering, Segal Design Institute  
BS Manufacturing and Design Engineering, 09/2019

## Experience

AI Trainer with OpenAI  
August 2020 - Present, Remote  
Train AI systems to write summaries by reading, writing, comparing, and critiquing.

Intern: Phipps Conservatory  
Summer 2020, Pittsburgh PA  
Horticulture and Botanic Practice; Maintained Center for Sustainable Landscapes, Exhibit Staging Center beds and plants, designed portions of Tropical Forest Patio Display. Proposed Main Landscape changes for water savings and aesthetic evolution.

Artist Educator in Residence: CCEEE Pittsburgh Public Schools  
March 2020, Pittsburgh PA \*interrupted by covid19 pandemic  
Mentored continental African middle & high schoolers via visual arts.

Design Engineer (Hardware Lead): Cattle Tech  
Winter 2018 - Summer 2019, Evanston IL & Sisaket Thailand  
Research, 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 and Exploration LLC  
Summer 2018, Mountain View CA  
Research, Design, Rapid Prototyping and Manufacturing for Lighter-than-Air Technology.

Compass Peer Mentor: Northwestern University SES

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 Request for Proposal's and Design constraints; awarded \$25,000 to Pittsburgh non-profit.

Produced blog, video and public radio projected hosted at [heinz.org](http://heinz.org)

## Skills

### Studio

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

### Programs

CAD + CAM: solidworks, nx11, inventor, rhino (beginner)

Render: keyshot 8, blender (beginner)

Audio: Ableton Live 9, 10

2D: Adobe Photoshop, Premier Pro

OSX + Windows Factory Apps

### Computation

HTML, CSS, Matlab, Python, git (basic), Javascript (beginner)

### Language

English, Chinese (Mandarin HSK2), Fante (Beginner)

### Soft

Design Thinking, Research, Growth Mindset, Self-Direction, Team Player, Empath, Intercultural