

Shane Lessa

Creative Technologist

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[Portfolio Site](#)
[Github Profile](#)

EDUCATION

Parsons School of Design, New York, NY
Bachelor of Fine Arts (BFA) Design & Technology

JANUARY 2009 - JUNE 2012

EXPERIENCE

VGD NYC, New York, NY
Frontend Developer / Interaction Designer

AUGUST 2014 - PRESENT

Responsibilities:

- Frontend Interface & Prototype Development
- Scripting Automated Tasks in Python
- Developing Internal Alexa Skills
- Providing Heuristic Analysis for Existing & In-Progress Client Interfaces
- Conceptualizing and Executing Solutions for Clients Based on Analysis Feedback
- Designing & Annotating Wireframes
- Creating & Documenting Interactions & Animations
- Experiential Strategizing
- User Testing
- Sitemapping

Clients included:

CUNY School of Public Health

- Wrote Python Scripts to:
 - Crawl & Analyze Existing Website's Content
 - Scrape & Strip Collected Content
 - Format & Save Content in a JSON File
 - Generate Prototype Pages & Navigation Via JSON File
- Created Information Architecture and Wireframes for The CUNY SPH Site Redesign

SKILLS

- Task Automation (Python)
- Physical Computing (Raspberry Pi & Arduino)
- Cross Browser & Cross Device Frontend Development
- Responsive Development
- Rapid Prototype Development
- Alexa Skill Development
- Wireframe Production
- Functional Specification Documentation
- Media Optimization
- Animation & Motion Graphics
- Video Editing

LANGUAGES

- Python
- HTML/HTML5
- CSS/CSS3
- JavaScript (ThreeJS, NodeJS)
- Bash

SOFTWARE

- Sublime Text
- Selenium
- Adobe Illustrator
- Adobe Photoshop
- Adobe After Effects
- Adobe Premiere
- Blender
- Cinema 4D
- Street Fighter 4 (Bison)

New York State Department of Motor Vehicles

VERIFI (Vehicle Electronic Reassignment and Integrated Facility Inventory)

- Created Information Architecture and Wireframes for VERIFI Site
- Contributed to the Visual Design

The New York City Department of Education

(Arts & Cultural Education Services)

- Developed Customized NodeJS JSON-based CMS Solution
- Developed Template for CMS & Site Interfaces

The New York City Department of Health and Mental Hygiene

- Developed Responsive Microsite for Their Heart Age Calculator
- Provided Information Architecture for The DoHMH Site
- Developed the Majority of the Site's Pages

CUNY Hunter College

- Conducted User Testing per Prototype Iteration
- Programmed Python Scripts to:
 - Crawl & Analyze Existing Website's Content
 - Scrape & Strip Collected Content
 - Format & Save Content in a JSON File
 - Generate Web Pages & Navigation Via JSON File

The City of New York Department of Sanitation

- Developed the Majority of Their Site's Pages
- Developed Social Media Widgets Using Social Media APIs
- Developed Photo Contest Photo Upload Widget
- Conducted User Testing
- Wireframed Microsites
- Provided Detailed Specification Document for Interactions
- Learned & Used NYC Gov's Proprietary CMS

NYC Administration for Children's Services

- Developed Frontend Prototype
- Developed Information Architecture
- Wireframed File Management & Interpretation Service Request System

OPERATING SYSTEMS

- Windows
- Linux (Debian)
- macOS

Fly Communications, New York, NY

Frontend Developer / UX Designer

JANUARY 2013 - APRIL 2014

Responsibilities:

- Frontend Interface & Prototype Development
- Designed & Developed Client Microsites
- Assisted Development Team in Building Out Full Sites
- Provided Heuristic Analysis for Existing & In-Progress Client Interfaces
- Created System & User Flowcharts
- Designed & Annotated Wireframes
- Created Specification Documents for User Interactions

Index Interactive, New York, NY

Frontend Development & Design Intern

MAY 2012 - AUGUST 2012

- Frontend Interface & Prototype Development
- Designed & Developed Client Microsites
- Assisted Development Team in Building Out Full Sites
- Provided Heuristic Analysis for Existing & In-Progress Client Interfaces
- Created System & User Flowcharts
- Designed & Annotated Wireframes
- Created Specification Documents for User Interactions

VH1, New York, NY

On-Air Design Intern

FEBRUARY 2012 - APRIL 2012

Responsibilities:

- Assisted the On-Air Design Team in the Production of Bugs, Lower Third Graphics, Style Guide Templates & Menus.

MTV, New York, NY

On-Air Design Intern

JUNE 2011 - AUGUST 2011

Responsibilities:

- Assisted the On-Air Design Team in the Production of Bugs, Credit Templates, Gifs & Menus.

Parsons School of Design: Parsons China, Beijing, China | Gobi Desert, Inner Mongolia
Teaching Assistant

MAY 2011 - JUNE 2011

Parsons School of Design, New York, NY

Laser Cutter Technician

JANUARY 2010 - June 2012

Responsibilities:

- Operated and maintained the Design & Technology Lab's Epilog laser cutter
- Consulted students and faculty alike on material safety and file preparations

New York City Municipal Archives, New York, NY

Intern

JANUARY 2009 - APRIL 2009

Responsibilities:

- Operated microfilm viewer
- Printed from microfilm viewer and sealed requested birth, marriage, and death certificates from the City's archived microfilm records