

OLGA GELETINA

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EXPERIENCE

Recurse Center

Full-time programming retreat | NYC | Sept – Dec 2018

Developed a full stack web site using solely Node.js, without additional server-side frameworks. The website is based on the Model-View-Controller approach, where the content is dynamically generated. A Google Sheet acts as its database and CMS

Harvard University Graduate School of Design

Teaching and Research Assistant | Cambridge, MA | Dec 2016 – Sept 2018

ALivE Project

Collaborated with material scientists on investigating industry applications for technologies pursued by the Wyss Institute

Set research objectives, performed experiments, drafted and revised reports, presented findings

Analyzed data using Python, modeled bespoke jigs in CAD (Rhinoceros and Grasshopper, C#)

Created graphic assets and edited video footage (Adobe suite)

Digital Media I, How to Make (almost) Anything

Assisted with teaching courses in digital fabrication, rapid prototyping and electronics

Geometry Lab

Wrote a Python script to create a course blog with over 70 entries by interfacing with the Medium API, maintained integrity of follow-up content

Freelance

Product Designer | NYC | Apr 2016 – Sept 2017

Worldstudio

Developed graphic elements in Adobe suite (logos, color scheme, and poster layouts) for AMPL!FY – a public art initiative on social justice

Made the AMPL!FY website from scratch using HTML, CSS, JavaScript and Jekyll. On completion, integrated the website with a CMS (CloudCannon)

Drafted and revised grant proposals

rabble

Made rabble's first website using a combination of a Wordpress theme, HTML and CSS

MoneyMio

Created desktop and mobile layouts (Adobe Photoshop and Illustrator) for MoneyMio's financial literacy tool and consulted on a number of UI/UX features

General Assembly

Data Analyst | NYC | Apr 2014 – May 2016

Met organizational data requests by managing SQL queries, python schema modifications, and Looker reports (YAML-based analytics platform)

Constructed Business Intelligence dashboards (mainly scripted Google Sheets) for global sales goals, space utilization and marketing targets

Spearheaded systems migrations within Finance (Excel to Adaptive Insights) for headcount, cost of goods, and revenue forecasting tools

Launched an internal campaign focused on adopting canonical metric definitions

Ascent Contemporary Projects

Co-Founder/Product Lead | NYC | Apr 2013 – Apr 2016

Curated six gallery exhibitions 2014-2015

Selected as a top-ten finalist in the New York StartUP! 2013 Business Plan Competition

Designed and built company website by altering the CSS, jQuery, and PHP of a Wordpress template

EDUCATION

Harvard University Graduate School of Design

Master in Design Studies, Technology

Cambridge, MA | 2018

President of Code Without Frontiers

Developed curriculum for and taught Processing I & II

General Assembly

JavaScript Development

Visual Design

Data Science

User Experience Design

Baruch College, City University of New York

Bachelor of Business Administration, Magna cum laude

NYC | 2013

PROJECTS

Fabricademy | 2019

Multidisciplinary course with a focus on development of new textile technologies – on a scholarship sponsored by Dassault Systemes SolidWorks

How to Make Something that Makes (almost) Anything | 2018

A sequel to How to Make (almost) Anything where students made machines that make

Laboratory Electronics | 2017

Lab-intensive course taught by the author of Learning the Art of Electronics. Through hands-on prototyping the class was split into half analog, half digital material and culminated with building a computer (programmable in assembly)

Introduction to Computational Design | 2016

An open ended-programming course (Rhinoceros and Grasshopper, C#) with a strong gaming focus (Unity, C#)

How to Make (almost) Anything | 2016

Every week served as a demonstration of a new skill such as producing parametric models (Rhinoceros and Grasshopper), electronics design and embedded programming (Eagle, Arduino IDE / C), composites, molding and casting, CNC milling, 3D printing, etc

PUBLICATIONS AND APPEARANCES

Paper | ACADIA | 2018

Fluid Equilibrium: Material Computation in Ferrofluidic Castings

Public talk | Isabella Stewart Gardner Museum | 2018

Third Thursdays: Re-spin

LANGUAGES

Fluent Russian

Vestiges of French and Spanish