

Brooklyn, New York
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Danara Sarioglu

Software Development, Physical Computing, Fabrication

Trilingual

Turkish
Russian
English

WORK

Sep 2016 - Present

Lead Creative Technologist in Michael Mandiberg's Studio

- Restored a browser script called "Oil Standard" into a Chrome plug-in.
- Developed Wikidata QuickSheets in python, which semi-automates the process of gathering data from Wikipedia articles and references to Wikidata properties.
- Lead developer on a data driven Java based Raspberry Pi project that was installed at LACMA and Denny Gallery
- Took over lead development of Print Wikipedia, building and refining Java and Python tools.
- Archived, and secured, and reinstalled a dozen Wordpress sites.
- mandiberg.com: Technical Project Manager for WP redesign of Michael Mandiberg's Portfolio website.
- artandfeminism.org: Site was delivered incomplete and I triaged the problem and retrofitted a solution
- Interfaced with clients on technical basis.
- In charge of data visualization for Mandiberg's Quantified Self Portrait work.
- Project managing several projects at the same time.

Jul 2016 - Present

Creative Technologist at Volvox Labs

- Physical Computing and Software Developer Lead for a public art installation "THE NEST" at Elsewhere
- Physical computing specialist of Microsoft Blackwell's permanent Cortana Interactive Lobby Wall installation.
- Physical computing Lead of Samba TV's interactive data visualization installation for CES 2018
- Physical computing assistant for Microsoft Lounge kinetic wall installation.
- Physical computing assistant for Whitney Museum - Audi LED installation

Dec 2016

Freelance Fullstack Developer at Simple Machines

- Contributed in back/front end development of web application oncart.org. Dealt with database setup (firebase), functionality of the app (javascript).

May 2013 - July 2014

Campaign Coordinator at Turkcell Telecommunications (Leading GSM Operator in Turkey)

- Coordinated the conversations between the engineering team and the marketing team
- Managed and coordinated the campaigns the company was releasing to the public

June 2011 - Aug 2011

Airport Terminal Planing Intern at Sabiha Gökçen International Airport Investment Development and Operation Inc. (ISG)

EDUCATION

Sep 2014 - May 2016

New York University

MPS majoring in ITP at Tisch School of the Arts

Sep 2008 - May 2012

Sabanci University - Turkey

BSc majoring in Manufacturing Systems and Industrial Engineering

TEACHING

Nov 2018 & Sep 2017

Child themes in Wordpress Lab at Graduate Center CUNY

- Introduced how child themes work, taught why we need child themes and basics of editing css file.

Feb 2018

CSS for Wordpress Lab at Graduate Center CUNY

Feb 2012 - May 2012

Undergraduate Teaching Assistant (SolidWorks) at Sabanci University

SKILLS

Software Development:

+ JavaScript + Processing
+ HTML + OpenFrameworks
+ CSS + node.js
+ Java + socket.io
+ Python + SQL
+ C++ + d3.js

Physical Computing:

+ Arduino
+ Raspberry Pi
+ Circuit Design
+ Harvesting Energy

Fabrication:

+ CNC Miller
+ Woodshop Tools
+ Laser Cutter
+ PCB Lab Tools

3D Modeling/Virtual Reality:

+ SolidWorks - SolidCAM
+ Autodesk Fusion 360
+ Unity 5 (Basics)
+ Rhino

Graphics:

+ Adobe Suite
+ Isadora
+ MadMapper

Data Simulation:

+ Arena Simulation Software
+ ARCport Terminal Simulation Software

Other:

+ ILOG OPL Studio (Optimization)
+ Palisade Decision Tools