

# RutaKruliauskaite

Creative technologist, STEAM Educator, Producer

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Vilnius, Lithuania

<https://rutakru.com/> [github.com/rutaitp](https://github.com/rutaitp)

## SKILLS

### Design:

Design research, prototyping, user testing, fabrication, laser & vinyl cutting, 3D design & printing, Adobe Creative Suite

### Programming:

Physical computing (Arduino & Raspberry Pi), JavaScript, Python, jQuery, HTML, CSS3, git, Node.js, Express.js, SQL, Sequelize, AJAX, ReactJS, Redux, React-Redux, WebRTC, Socket.io, PeerJs, P5.js, Processing, Asterisk & VoIP, Twilio, HTML5 audio & video, Web APIs, markdown, regex

### Media:

Photogrammetry, video projections & mapping (MadMapper, Isadora)

## PROJECTS

### Diving Deep in the Ocean

An immersive learning experience on ocean life

**Role:** concept development, prototyping, design fabrication

**Media:** Audio/Visual, lights, projection mapping

### Wonder Corner

Participatory installation exploring curiosity and adult learning

**Role:** concept, research, UX design, software architecture and development, fabrication

**Technology:** VoIP, Asterisk, speech recognition, projection mapping, custom-built phone booth

**Languages:** JavaScript, Python, C

### Stacklight

A toy for 3 year olds introducing them to the concepts of electronics

**Role:** concept, research, user testing, design, fabrication

**Technology:** Arduino, CNC

## PROFESSIONAL EXPERIENCE

### Instructor & Curriculum Designer

Adjunct, Freelance, 2017-onward

Research, curriculum design, immersive learning experiences, teaching:

- Teachers Lead Tech, bit&Byte, Vilnius, ongoing: creative tech (7-12 year olds)
- TeachCS, NYC, ongoing: web development, creative coding (high school)
- Decoded NYC, Spring 2019: machine learning, web development, cybersecurity
- NYU, Spring 2019: creative coding (undergrad)
- Fordham University, Fall 2017: web development (undergraduate)

### STEM Instructor

NYC *FIRST* @Cornell Tech, May-September 2019

Teaching, managing and designing curriculum for workshops for NYC Public High School students: robotics, circuitry, prototyping, design, digifab.

### Learning Experience Designer & Multimedia Producer

EdLab, Columbia University, June 2018-May 2019

### Conference & Creative Producer

Freelance, January 2013-onward

QBerlin, ITP @Maker Faire, The World Summit on Innovation and Entrepreneurship, Campus Vilnius, Vilnius innovation Forum, Forum One.

### Co-founder & Curator, Experience Designer

TEDxVilnius, 2011-onward

Event design, speaker curation & coaching, team management for 30+ events. Organized first TEDxKids in the world.

More info: <http://www.tedxvilnius.com/>

## EDUCATION

### Software Engineering Immersive Program

Fullstack Academy of Code

February-May 2018

### Masters in Interactive Media Arts

Interactive Telecommunications Program (ITP)

Tisch School of the Arts, NYU, 2015-2017

### BA in Business Management (2007-2011)