Mani Nilchiani

- mani.io
- github.com/maniart
- mani.art@gmail.com

Education

- **MFA** Design & Technology, Parsons The New School for Design, New York, NY - 2013
- **BFA** Print Media, Tehran University of Art, Tehran, Iran - 2009

Experience

- **Architizer** Software Engineer, 2017 - Present, New York, NY

  Developing "Source" (A building materials sourcing platform for architects) using technologies such as Angular.js, React, GraphQL, Node.js & Django

- **Yieldmo** Frontend Engineer, 2015 - 2017, New York NY

  Building data driven web applications for internal and external clients using technologies such as Node.js, AngularJS, React & GraphQL in close collaboration with designers, back-end engineers and product managers.

- **New Centre for Research & Practice** Lecturer, 2015, New York, NY

  Designed and taught a curriculum titled "Internet as Platform, Programming as Medium" focusing on JavaScript as an expressive artistic medium.

- **VeeSee.co** Co-Founder, Fullstack Developer, 2014 - 2015, New York, NY

  UX/UI Design, Architecture and Development of a Node.js app that streamlines deal tracking and valuation for VC's Using Express.js, MongoDB and Backbone.js

- **The Daily Beast** Frontend Engineer, 2013 - 2015, New York, NY

  Developing and maintaining front-end modules for mobile and desktop products, with a focus on writing high-quality, modular, performant and maintainable code.

- **Parsons The New School for Design** Part-time Faculty, 01.2014 - 06.2014, New York, NY

Teaching a graduate web development course focusing on JavaScript at "Design and Technology" program. Course outline included: Core concepts, best practices, design patterns, MV* architecture, Package Management and RESTful back-end development with Node.js and MongoDB.

- **Parsons The New School for Design** Research Assistant, 2012 - 2013, New York, NY

  Prototyping interactive infographics for a Stem Cell educational curriculum.

- **Parsons The New School for Design** Graduate Teaching Fellow, 05.2012 - 08.2012, New York, NY

  Co-designing and teaching a graduate level curriculum of web design and development, Leading a class of 12 incoming graduate students.

- **Personal Studio Practice**

  New media art, creative computation & design. Exhibiting in solo and group shows internationally: Iran, U.S., Canada, Australia and Indonesia.

Volunteer Work

- **ScriptEd** Volunteer Teacher, 2014 - 2015

  Co-teaching a curriculum of web development to a class of 16 students at High School for Global Citizenship, Brooklyn, NY Curriculum includes: HTML, CSS and JavaScript.

Skills

- **Web Technologies**

  Fluent in JavaScript (ES6), TDD, React ecosystem (React, Redux, GraphQL), Node.js, Angular 1.x, Backbone.js, Build tools, OOP and Functional paradigms, Interactive audiovisual development (Canvas, WebAudio API, WebVR).

  Proficient in HTML and various templating engines, CSS & preprocessors, UI frameworks

- **Design**

  UX/UI Design, Wireframing, User Testing, Adobe Design Suite

- **Other**

Proficient in Git, SQL & NoSQL Databases

Experience with PHP, Python (Django), OpenFrameworks (C++), Processing (Java), Physical Computing (Arduino, Tessel, Raspberry PI), Interactive prototyping with Kinect, LEAP Motion, Shell scripting, CI/CD, NGINX

Languages

- English (Fluent)
- Farsi (Native),
- French (Intermediate),
- Arabic (Basic)