

MARC ABI-SAMRA

FRONT END DEVELOPER

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EXPERIENCE

CACTUS | Senior Front End Developer

NOV 2017 - PRESENT

Managing tech stacks, configurations and software design patterns for most front-end projects

- Led development for Mount Sinai's Lab100, a futuristic hybrid clinic and research lab
 - Developed the patient portal - [app.lab100.org](#), product site - [lab100.org](#), and in-person clinic apps
 - Built reusable data viz and survey components to display and ingest data across Lab100 apps
- Developed a systems dashboard and the photo gallery app for Color Factory, an interactive exhibit
- * **Tech Stack:** Redux, React, React Native, Enzyme, Jest, Webpack, CSS in JS, SASS, D3

SVRROUND | Co-Founder, Chief Product Officer

JAN 2016 - OCT 2017

Lead all product efforts of "Svrround", enterprise platform for 360° live streaming AR/VR platform

- Raised pre-seed funding from multiple VCs
- Led front-end development, back-end architecture, and API design
- Implemented 3D graphics and 360° video / Designed & developed Analytics
- * **Tech Stack:** Node, MongoDB, Express, Socket IO, Gulp, Three.js, WebGL, Handlebars, PUG, SASS

VIACOM | Intern - Software Engineer

SEP 2015 - JAN 2016

Lead developer of "Immigrater", Interactive app on Viacom billboard screens in Times Square

- Front-end development for signage app and accompanying mobile web app
- Back-end development for realtime interaction and analytics
- * **Tech Stack:** Node, Express, Socket IO, React

GOOGLE | Intern - Google Summer of Code Developer

MAY 2015 - SEP 2015

Core developer for p5.js, Javascript client-side library for creative coding and graphic interfaces

- API design and development for HTML DOM library add-on
- * **Tech Stack:** Javascript, HTML, Mocha, Grunt, Git

CULTUREHUB | Programming Instructor

JUN-JUL 2017 / JUN-JUL 2016

- Taught Javascript programming, HTML and CSS in a Creative Coding course
- Taught C/C++ programming, Arduino, and Circuitry in a Physical Computing course

EDUCATION

NEW YORK UNIVERSITY

SEP 2014 - MAY 2016

Tisch School of the Arts, Interactive Telecommunications Program
Master of Professional Studies

UNIVERSITY OF CALIFORNIA, RIVERSIDE

SEP 2011 - MAY 2014

College of Humanities, Arts and Social Sciences
BA in Music Composition / Minor in Media and Cultural Studies (3.8 GPA)

HONORS AND AWARDS

- NYC Media Lab Combine Accelerator Grant | SVRROUND 2016
- Verizon Innovation Challenge Grant | SVRROUND 2016
- Google Future of Storytelling Grant | Glitch the World, Passtime 2015, 2016
- NYU TSOA, Lew Wasserman, and Red Burns Scholarship 2015, 2016

PRESS

• Lab100

"...Most Inspiring, innovative designs 2018..." (Fast Company)

"Mount Sinai teamed up with the designers..." (Business Insider)

"...you'll be able to get a futuristic medical check-up at Mount Sinai..." (CNBC)

• Color Factory

"Color Factory' Brings Museum of Explosive Color to NYC" (NBC New York)

"The Museums of Instagram" (The New Yorker)

• SVRROUND

"...This NYU Startup Takes 360° Streaming To The Next Level" (Medium)

"SVRROUND joins Rough Draft Ventures..." (NYC Media Lab)

SKILLS

Redux React ES6
Webpack React Native
Enzyme Jest Git
SASS JSS D3 AWS
Lodash Node Express
MongoDB Mongoose
Blockchain Solidity
Smart Contracts PUG
Websockets Handlebars
Three.js WebGL FP