

Jessica Marshall
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EDUCATION

The Cooper Union for the Advancement of Science and Art

Bachelor of Engineering, Computer Engineering, 2013-17

EXPERIENCE

ConsenSys

Full Stack Software Engineer, Brooklyn, 2017-present

Primary developer of Ethereum application for infrastructure commons
(MERN, Redux, GraphQL, Solidity, IPFS)

Delivered audits of production smart contracts with internal security specialists

Founded weekly roundtable to bridge technologists and business strategists

The Cooper Union Board of Trustees

Trustee, New York, 2015-17

The Underground Center

Off-Grid Energy and Permaculture System Design, Saugerties, 2016

Consolidated Edison

Engineering Aide - Department of Energy Efficiency, New York, 2015

Developed scripts to scrub sensor data (Python)

PROJECTS

feature/LAN-audio-interface, Exhibiting 2019

Wired offline Raspberry Pi network with wifi-accessible local server as medium for audio visual art piece
(ParrotSec, Raspbian, React, Node.js/Express, shell scripts, Subnodes)

seized.network, 2018

Built static site for artist cooperative grant proposal (HTML5/CSS, jQuery, Bootstrap)

Exposure Therapy, 2018

Wrote Chrome extension that trickily redirects the user to coinmarketcap.com (JavaScript)

Backup Connection, 2018

Configured Mikrotik SXTsq antenna to securely extend LinkNYC free wifi connection and flashed router with OpenWrt firmware to connect to virtual mesh via VPN (Docker)

SELECTED TALKS

Benjamin Menschel Exhibition

Local Network Connections, New York, 2019

Ethereal Summit

Understanding Blockchains with Scrabble, Queens, 2018

State of Our Networks Conference

Money and Mesh Networks, Toronto, 2018

ETHDenver

Smart Contract DApp Security, Denver, 2018

SKILLS

HTML5/CSS, Bootstrap, React, Redux, Node.js/Express, MongoDB, GraphQL, Solidity, Truffle, Git, Python