

Education

- New York University - 2017
Masters Candidate at Interactive Telecommunications Program
Focus on Privacy, Surveillance and Networks
- New York University - 2012
BA in Political Science: Alexander Hamilton Certificate for Political Economy

Selected Work Experience

- **Eyebeam (current)**
Role: Artist in Residence
Projects: [Othernet](#), [Department of Defense Contract Tracker](#).
- **ACLU: Speech, Privacy, Technology Project (2017)**
Role: Intern / Researcher

[ACLU](#) - The ACLU's Project on Speech, Privacy, and Technology (**SPT**) is dedicated to protecting and expanding the First Amendment freedoms of expression. **Example work:** [CBP-Forensics](#)
- **NYU Courant / UNICEF :: Saycel (2015 - current)**
Role: Network Engineer / Researcher

[Saycel](#) - Saycel is a UNICEF Innovation Lab funded project that builds open source community run cellular infrastructure in rural and autonomous regions. Currently operating in Bluefields Nicaragua
- **Crisis Cleanup (2014-2016)**
Role: Backend/Frontend Developer

[Crisis Cleanup](#)- A free, open source Ruby on Rails application that connects disaster recovery organizations with the people who need help. We've already connected 40,000+ volunteers from 230+ organizations with 10,000 families in 17 states and 20 disasters in 4 countries, creating more than \$26 million in impact.
- **Selected Work from [The Mechanism](#) (2013-2015)**
Role: Backend/Frontend Developer at an NYC based digital agency.

[NYCVotes](#)- Funded by the Campaign Finance Board of New York, this **Ruby on Rails** application allows voters to search candidates, polling places and ballot measures.

Selected Independent Work

- **Freelance Data Reporter - Gizmodo (2018 - ongoing)**: I have been working on several investigative pieces that utilize technology and open data to help reporters tell stories. 1. [The House that Spied on Me](#). 2. [How Goodyear Hid Evidence...](#)(part 1 // part 2 upcoming) (Code: [FARS](#) and [Analysis](#)). 3. [Use the Internet without Amazon](#)
- **Othernet (2017 - ongoing)**: The Othernet is a network experiment supported by [Mozilla](#) and [Eyebeam](#). The goal is to explore what new types of sharing, intimacy, and trust can emerge on a network whose content and infrastructure are limited to a physical location. [Website](#), [Insta](#)
- **Department of Defense Contracts (2017 - ongoing)**: Every day contracts valued at \$7 million are announced by the Department of Defense. This project is an attempt to aggregate all of these contracts into a single database and build a tool for researchers to explore the connections between them. This project has many components: Chrome Extension, Machine Learning (Word2Vec), Postgres DB, Neo4j, Vue.js, D3. Will be released Fall 2018: [Code](#)
- **Crater Scraping (2016 - ongoing)**: Crater Scraping seeks to train a Convolutional Neural Network to identify and classify nuclear weapons test sites. Crater Scraping works by utilizing information from FOIA requests and research from military historians to scrape satellite imagery of weapons test sites. Images are then used to train a Neural Network to identify and classify man made geological events. [Github](#)

