

# Jacob Coker-Dukowitz

SAN FRANCISCO BAY AREA, CA

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## EMPLOYMENT

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**MASHR** *Co-creator & Software Engineer* *remote* *Jan 2018 – Present*

<https://mashr-framework.github.io/>

- Co-created a data pipeline orchestration and monitoring framework for small applications
- Researched & implemented project with data pipeline best practices including monitoring, archiving and failover
- Created CLI in Node.js that simplifies dozens of Google Cloud Platform API calls into a few simple commands
- Engineered the data extraction component to be hosted on a Docker container that is itself hosted on a Google Compute Engine (GCE) instance to build resilience against technological changes

**FREELANCE** *Full stack Engineer* *remote* *June 2017 – Dec 2018*

Developed a variety of open-source, full-stack applications using technologies such as JavaScript, Node.js, Ruby, Rails, SQL, Docker, Linux, Bash, HTML, CSS, and React. These apps include:

- Web scraping & automation tools using Ruby and Node JS
- Post-it: A social news and discussion application like Reddit built with Rails, PostgreSQL, and JavaScript.

**NEW FLORIDA MAJORITY** *Software Engineer* *Miami, FL* *May 2016 – Dec 2018*

- Developed automated reporting systems & intelligent de-duplicating tools with Ruby & Node.js
- Engineered dozens of custom back-end integrations between databases, CRMs and other tools with Ruby & Node.js

*Leadership Development Coordinator* *June 2013 – May 2016*

- Managed the design & implementation of leadership training programs for over 1k participants

**CATALYST MIAMI** *Advocacy Director* *Miami, FL* *Aug 2008 – June 2013*

- Directed advocacy programs for a nonprofit of 30 staff including a county-wide program where I managed 20 facilitators for intensive community dialogues with 200 participants across 5 communities

## MAJOR TRAINING

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**LAUNCH SCHOOL** *2017 – 2019*

A 1-2+ years core curriculum focused on software engineering first principles. Culminates in the Capstone program — an instructor-led, team-based program modeled after a university-level Master's program.

**UNIVERSITY OF MIAMI, SCHOOL OF COMMUNITY AND SOCIAL CHANGE** *Aug 2009 – June 2013*

One of ten staff selected to be mentored by professors on organizational development while employed at Catalyst Miami

## EDUCATION

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**UNIVERSITY OF MIAMI, COLLEGE OF ARTS AND SCIENCES** (Miami, FL) *Graduated: 2008*

Bachelor of Arts: **Geography & Regional Studies** Minor: **Economics**