Jacob Coker-Dukowitz

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EXPERIENCE

Co-creator & Software Engineer   MASHR   *Jan 2019 – Present*
Read the case study: https://mashr-framework.github.io/
- Co-created a data pipeline orchestration and monitoring framework for small applications
- Researched & engineered data pipeline best practices including monitoring & failover
- Created Node.js CLI that simplifies dozens of GCP API calls into a few simple commands
- Engineered the data extraction component to be hosted on a Docker container on a Google Compute Engine (GCE) instance to build resilience against technological changes
- Co-authored comprehensive white paper about engineering the Mashr framework.

Full Stack Engineer   Freelance & Personal Projects   *Jan 2017 – Dec 2018*
- A social news and discussion application like Reddit built with Rails, PostgreSQL, and JavaScript
- A React application that allows users to view and filter airline routes on a clickable svg map
- Nello: A trello-clone with React/Redux front-end and Rails back-end

Data Coordinator   New Florida Majority   *June 2013 – Dec 2018*
- Managed Data for a statewide nonprofit that engages millions of voters each year

Advocacy Director   Catalyst Miami   *Aug 2008 – June 2013*
- Directed the design & implementation of advocacy training programs for thousands of participants

TRAINING

LAUNCH SCHOOL (May 2017 – Dec 2018): https://launchschool.com/employers
A multi-year mastery-based software engineering 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 at Catalyst Miami.

EDUCATION

UNIVERSITY OF MIAMI, COLLEGE OF ARTS AND SCIENCES   (Miami, FL)   Graduated: 2008
Bachelor of Arts**: Geography & Regional Studies** Minor: **Economics**