

# J Kurth O'Connor

Brooklyn, NY

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## Experience

**Crato Logging** – *Co-creator & Software Engineer* May 2019 – present

- Co-created **Crato framework** to easily deploy centralized logging for small apps. Crato is written in Node.js and Bash, deployed with Docker, and employs Kafka, InfluxDB and AWS APIs.
- Wrote script to smoke test data flow for all stages of development
- Reduced barriers to logging by deploying Crato with two scripts
- Wrote client script to orchestrate capturing and sending logs via TCP to central Crato infrastructure
- Increased fault-tolerance by implementing disk-assisted queues
- Decoupled log ingestion from storage layer with Kafka cluster
- Crato consumes from Kafka into Influx and AWS S3
- Crato is deployed with Docker containers; complex commands are abstracted into a custom CLI
- Wrote and edited comprehensive **Crato case study**.

**Freelance Developer** – *Software Engineer* May 2016 – May 2019

- Airline Tracker: React application to view & filter airline routes
- Mello: project management application in Rails, SQL and React
- DoIt: todo application written in Sinatra and JavaScript

**Colorado State University-Pueblo** – *Tenured Assoc. Professor* 2008 – 2019

- Taught logic, ethics and philosophy to 1000+ students
- Directed University Honors Program
- Supervised Honors theses on topics from Engineering to Public Health

## Skills

Back End: Node, Rails, Ruby, Sinatra, PostgreSQL, InfluxDB, Kafka

Front End: JavaScript, React/Redux, HTML/CSS

Other: Linux, Bash, Git, Docker, RESTful APIs, DigitalOcean

## Education

**Boston College** – *Ph.D. (Philosophy)*

Areas: European Philosophy, Ethics, Logic, Philosophy of Science

GPA: 4.0

## Publications (selected)

“Husserl & Carnap: Structural Objectivity, Constitution, Grammar.”  
International Philosophical Quarterly 54, 2 (2014).

“Category Mistakes and Logical Grammar: Ryle’s Husserlian Tutelage.”  
Symposium: Canadian Journal of Continental Philosophy 16, 2 (2012).