

J Kurth O'Connor

Brooklyn, NY

<http://kurthoconnor.com>
kurth@kurthoconnor.com

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 & Bash, deployed with Docker, and employs Kafka, InfluxDB & 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 & sending logs via TCP to central Crato infrastructure
- Increased fault-tolerance by implementing disk-assisted queues
- Decoupled log ingestion from storage with Kafka cluster
- Implemented persistence, consuming from Kafka into Influx & AWS S3
- Facilitated deployment by isolating components in Docker containers and abstracting commands into a custom CLI
- Wrote and edited comprehensive **Crato case study**.

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

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

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

- Taught logic, ethics and philosophy to 1000+ students
- 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

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).