

Wesley Anderson


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PROFILE

I am a software engineer with experience in JavaScript, TypeScript, Go, and various technologies. I am a co-creator of Chimera, which automates canary deployments for containerized microservices that communicate synchronously on AWS.

PROFESSIONAL EXPERIENCE

Co-Creator, Software Engineer, *Chimera* 2022 – present

Chimera (<https://chimera-deploy.dev/> ) automates canary deployments for containerized microservices that communicate synchronously on AWS. It reduces the risk of introducing bugs that propagate through your microservice infrastructure by gradually shifting traffic to the canary while automating canary analysis.

- Designed initial workflow diagrams
- Created a toy microservice infrastructure on AWS to test Chimera
- Implemented Chimera's ability to set up a CloudWatch agent that monitors metrics from the canary microservice
- Developed Chimera's ability to automate threshold analysis on the canary using metrics from CloudWatch
- Dockerized Chimera for simple execution in various environments
- Co-presented a live tech talk about Chimera
- Wrote documentation for setting up and installing Chimera within its repository
- Co-authored Chimera's technical case study

Technologies Used: React, NodeJS, Express, Docker, AWS


Software Engineer 2020 – 2022

- Requestotron: An RequestBin-like app -- NodeJS, Express, PostgreSQL, Mongo
- Rello: A Trello-like app -- React, NodeJS, Express, Mongo

Researcher and Instructor of Philosophy & Logic, *Various Institutes (including, Western New England University, Smith College, Konrad Lorenz Institute, and Arizona State University)* 2016 – 2020

EDUCATION

Launch School, Software Engineering 2020 – 2021

Multi-year, full-stack software engineering curriculum emphasizing mastery of programming fundamentals and problem-solving -- launchschool.com/employers 

Ph.D. in History and Philosophy of Science, *Arizona State University* 2011 – 2016

SKILLS

Languages

JavaScript, TypeScript, Go

Frameworks

Express, React, Next.js

Technologies

Docker, Git/GitHub, CI/CD, Container Orchestration, Nginx, Microservices

Cloud

AWS: ECS, ECR, Fargate, App Mesh, CloudWatch, CloudFormation