

Profile

I am a software engineer who strives to both produce excellent work in my craft and continually expand my toolset of technologies.

Experience

Chronos (<https://chronos-project.github.io/>)

Co-creator**Tulsa, OK****October 2018 - Present**

- Co-created and deployed an open-source event capturing framework
- Created a front end tracker which automated event capturing and sent the data to a NodeJS API server
- Optimized the tracker by reducing size of events to increase payload by over 100%
- Created a back end pipeline by implementing an Apache Kafka cluster which sent event data to two time-series databases: TimeScaleDB and PipelineDB
- Implemented Docker in the back-end to abstract complication of system configuration
- Created a CLI to abstract difficulties with using Docker commands and handle race conditions when running the system
- Created project website (<https://chronos-project.github.io>)
- Wrote project case study (<https://chronos-project.github.io/casestudy>)

Full-Stack Web Software Developer

Self-Employed**Tulsa, OK****April 2017 - December 2018**

I developed open-source web applications with technologies such as React, Node, Ruby on Rails, PostgreSQL, JavaScript, Ruby, HTML, and CSS, including:

- a Trello clone that supports creating, editing, and deleting boards, lists, labels, due dates and cards (React/Redux, Rails)
- a Reddit clone which allows you to add, edit, delete, upvote, and downvote posts. You can also create and log into accounts (Rails, Ruby)

Web Developer

Greek Orthodox Archdiocese of America Remote**Sep 2014 - Sep 2017**

Responsible for remote administration of the organization's web presence and researched domain fields to build an exhaustive database of saints and related documents

Languages & Technologies

Back End: Ruby, Sinatra, Rails, Node, RESTful APIs, Express, PostgreSQL
Front End: JavaScript, React/Redux, HTML, CSS, jQuery
Other: Docker, Kafka, Git

Education

Launch School**Remote. April 2017 – December 2018**

Software Engineering & Full-stack Web Development

Holy Cross Greek Orthodox School of Theology**Brookline, MA. August 2013 – May 2015**Master of Theological Studies – GPA: 3.96 (*Summa Cum Laude*)**University of Connecticut, Storrs****Storrs, CT. August 2007 – May 2011**B.A. in English (literature) – In-major GPA: 3.8 (*Cum Laude*)