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experience

Enlitic

Oct 2019 — Present

Built hospital data ingestion libraries, services, and pipelines to process millions of medical records

Championed engineering best-practices by building a monitoring platform, pioneering deployment configuration, and promoting unittesting

Python ■ Javascript ■ Airflow

PlanGrid

Aug 2016 — Aug 2019

Implemented multiple authentication systems across all apps, including SSO, OAuth, and unified logins

Built backends for multiple features and products such as "push notifications" and the submittals product

Developed and led Admin team in backend architectural guidance for topics like async processing patterns, service boundaries, and service resilience

Python (Flask, SQLAlchemy) ■ Javascript (React, Redux) ■ PSQl ■ AWS (SQS)

Google

May 2015 — Aug 2015

Rebuilt Chrome's spellchecking system to use multiple languages simultaneously, fulfilling one of its oldest feature requests and impacting millions of users

C++ ■ Javascript

projects

Choir

Ever-evolving generative music, à la Brian Eno (WIP)

Elixir (Phoenix, websockets) ■ Javascript (Webaudio)

cranium.css

CSS framework for individually tailoring web UI's

Go ■ Python (scikit-learn) ■ Javascript

sprawl

Chrome extension that distributes assets via bit torrent

Node ■ Go

education

RPI

Aug 2012 — Aug 2016

Graduated magna cum laude with a dual degree in Computer Science and Computer & Systems Eng.

ΛXA ■ Racquetball Club ■ Rensselaer TALKS founding member