

JULIAN THEODERIK TRAJANSON

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Portfolio



GitHub



LinkedIn

Professional Experience

Pivot Brands

Feb. 2016 –

Software Engineer (Scala, Python, Spark)

- **Develop infrastructure for product launches using Scala Play, Python Flask, ReactJS, Webpack, NodeJS, and AWS**
- **Construct distributed microservice architecture for payment processing, Facebook SDK marketing, data store, analytics, and rendering applications**
- **Successfully promoted internal adoption of Kanban, Continuous Integration, and the adoption of related tools (Travis CI, Docker)**

Premier Biomedical, Inc. (*publicly traded company*)

2009 – Aug 2015

Founder and Corporate Director

- **Managed team of 7 Ph.D. students in the financial and technical analysis of novel immunotherapy cancer treatments**

Software Projects

Jounce – Streaming Music Radio

[Live](#) | [GitHub](#)

Built in Rails and React.js with Flux architecture

- **Segments customers into a two-tiered freemium/premium model via use of OAuth and Stripe**
- **Harmonizes varied asynchronous processes through direction of client-side daemon and the use of mutex synchronization patterns**
- **Streamlines deployments of code from development to production through the orchestrated use of an AWS EC2 Linux Image, S3 cloud storage, RDS, and an NGINX reverse proxy.**

Pious Piper – Lossless Compression Service

[GitHub](#)

Tested in HSpec. Built in Haskell, and Stack.

- **Achieves incredible Weissman Score of 1.0**
- **Realizes multi-processor-capable, multi-threaded LZW compression as theorized by Schmuel Klein and Yair Wiseman in the Journal of Discrete Applied Mathematics**

Skills

Python • JavaScript • Scala • Numpy • Pandas • PostgreSQL • RSpec
AWS (EC2 | RDS | S3) • Docker • Ruby on Rails • NGINX • React.js • Node.js

Education

University of Pennsylvania, Wharton School

2007 – 2012

B.S. in Economics | Concentrations in Management, Finance & Operations Management