Adam Wespiser

7 Perry St. Apt. 1
Somerville, Ma 02143
(413) 281 4894
adamwespiser@gmail.com
Twitter: @wespiser
Github: adamwespiser
Personal site: wespiser.com
linkedin.com/in/adamwespiser

Autodidactic, impact obsessed start-up seasoned. enthusiastically engaged, and habitual learner that's succeeded in multiple research careers before landing on Software Engineering.
My ideal company has everyone use the product, a culture of learning, and a simple mission, roadmap, and priority list you can actually use.

I'm a software craftsman, with an academic skill set: able to push boundaries when required, but with ruthless focus on a project's priorities

SKILLS

Java, Haskell, NodeJS, TypeScript, PostgreSQL, Agile, Python, Perl, R, Linux, Bash, STAN, git, GitHub, CI/CD, Docker, Kubernetes, TLS, GitOps, DataDog.

Starburst, Boston, MA — *Senior Software Engineer, Infrastructure*

October 2022- Aug 2023

- Tech Lead on a cloud infrastructure team, managing vendor relationships (aws/gcp/azure), cost reporting (Vantage), and Cloudflare integration.
- Planned, executed and coded changes for zero downtime migration new domain using Cloudflare Tunel after going through approval process.
- TLS Certificate Re-use Project: where I researched and wrote a step by step migration to save us from needing new TLS certs per deployment.
    - Proposal Approved by CTOs, then broken into plan amongst my teammates, who finished the work.
    - Given at least 2 internal talks about the process breaking up proposals, so that aspect was exemplary.

SimSpace, Boston, MA — *Senior Software Engineer, Mostly BE*

December 2019- September 2022

- Tech Lead on new observability tools for cyber ranges, TypeScript, NodeJS, and Kubernetes and systems design for data pipeline.
- Built backend services for learning management systems using Haskell and PostgreSQL. Extended a >500k LOC Haskell project, added capabilities for end users, correctness tests, and load tests.
- Designed and implemented a type safe continuation token paging feature within our internal Haskell pagination library.
- Member of the architectural working group. Produced reports on logging libraries,

CollegeVine, Cambridge, MA — *Associate Data Scientist*

August 2017 - September 2019

- Led development of ML predictive algorithms used in production to estimate a college applicant's chances of admission. Improved prediction results over heuristics
- Several Ad Hoc Funnel metrics: including the creation of a bespoke lead score model for hubspot using Bayesian feature selection and linear regression.
- Build a "decision support" app so client/student could optimize class structure.

EDUCATION

Georgia Institute of Technology, Atlanta, GA — *Master of Science in Computer Science*

August 2018 - December 2021

GPA: 3.9

University of Vermont, Burlington, VT — *Biological Sciences, B.S.*

Aug 2005 - May 2010

University of Massachusetts Medical School, Worcester, MA — *PhD drop out, Bioinformatian*

August 2010 - December 2014

Basic research directly leading to publications.
Interest in long non-coding RNA, next-gen sequence analysis, and machine learning.

AWARDS
Knuth Check #1660
Eagle Scout Award, 200**5**

Open Source Maintainer (2016-Present)

Maintainer of two open source projects in the Haskell ecosystem, Repline and Protolude.

Write Yourself a Scheme in 48 Hours, Version 2.0 — *Github*