

HARSH BAID



Software Engineer

harshbaid.com | github.com/Blackglade | @harshbaid_ | harsh@harshbaid.com

WORK EXPERIENCE

New Lantern AI

Lead Engineer | Feb, 2023 -

- Developing a Web-based AI PACS platform for Radiologists to enhance diagnostic capabilities
- Implemented several data ingest/egress pipelines via the DIMSE TCP/IP Protocol for hospitals

Algoscan

CEO/Founder | June, 2021 - August, 2023

- Created Algoscan, the #2 Blockchain Explorer on Algorand averaging ~150k visitors/month
- Managed as an off-shore Singapore Entity for business development and strategic partnerships
- Achieved triple-digit product growth/adoption scaling our APIs from a 100 to ~500k requests/day
- Front-end engineered using Next w/ Typescript, Serverless Architecture, Custom Component Design
- Back-end infrastructure built on AWS + Terraform w/ Postgres, Cassandra, EC2, and Lambda.

Metrum Research Group

Solutions Engineer | Jan, 2019 - June, 2021

- Developed advanced quantitative analysis tools in R/Python to support drug development research
- Built a high-performance cloud compute solution to scale bayesian stat modeling and simulations
- Oversaw and led the front-end development across all user facing applications focusing on UI/UX
- Standardized SDLC practices and guidelines helping the organization scale from 3 to 20 engineers

Fora Financial

Full Stack Engineer | Sep, 2018 - Dec, 2018

- Supported and maintained an underwriting system managing over \$100 million in loans/assets
- Migrated the entire consumer-facing front-end over to React improving UX and load times
- Built a CI/CD pipeline with Drone simplifying deployments and more reliable software releases

Environmental Data and Governance Initiative

Software Engineering Internship | Jun, 2017 - Aug, 2017

- Collaborated with multidisciplinary research teams to develop complex data visualization models
- Built pipelines in python to efficiently extract and process over 10TB of web crawler data

EDUCATION

UNIVERSITY

OF MARYLAND

Computer Science
+ Math

SKILLS

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| <ul style="list-style-type: none">• Javascript (React / Typescript / NextJS)• Go / Python / R• Container Orchestration (Kubernetes / Docker)• Databases (Postgres, Cassandra, Mongo / BigQuery / Snowflake / Redis) | <ul style="list-style-type: none">• AWS / Google Cloud (❤ Terraform)• Blockchain / Web3<ul style="list-style-type: none">◦ Solidity (EVM / Ethereum)◦ DEFI / MEV• UI/UX Design• Foreign Entity Structuring |
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