

Boris Dev

Style

- deliver prototypes • tackle process friction • tackle ambiguous problems
- tackle cross-silo knowledge gaps • document the foundational (primitive) domain language

Tech stack

- AI: LangChain, pyTorch, AWS Sagemaker & GroundTruth, Annotation pipes
- Data: Scrappy, Sklearn, Pandas, Geospatial, Numpy, Kafka • Engineering: distributed systems, observability, analytic endpoints

Notable successes

- New mystery story generation • New [CPAL LLM Chain](#) is the first causal LLM chain. [Tweet by LangChain](#) • Nobsmed.com, a side project to help ordinary people evaluate their medical treatment options • New observability system designed and built for two companies • New data curation process for two companies • New language AI feature for one company • New microservice paradigm for one company • New geospatial human inequality metrics (PhD)
- Climbed Cotopaxi (21,000 ft) • Bodyboarded Mexpipe

Job experience

AI Engineer consultant at Wolf Games, 2023

- events mystery story generation service
- documented story composition language primitives

AI Engineer consultant at SimpleLegal, 2022-2023

SimpleLegal is a legal billing analytics company.

- launched a stuck AI feature by shifting focus from training examples quantity to quality
- led offshore annotators, data scientist, and the subject-matter expert
- built SageMaker inference server

Lead Analytic Endpoint Engineer at Sight Machine, 2018-2021

Sight Machine is a manufacturing analytics company.

- analytic endpoints
- started new checklist process to lock down successful sales demos
- built distributed tracing

Lead Data Engineer at HiQ Labs, 2015-2018

HiQ Labs was a people analytics company.

- led the migration from a monolith to a micro-service paradigm
- built the scraping system

Developer at Urban Mapping, 2011-2013

Urban Mapping provided geospatial analytics to Tableau.

- CI/CD/QA pipeline
- Observability

Misc leadership roles

- Worked with students in Medellín, Columbia to make [ClusterPy](#).
- Kids snowboard instructor at Vail Resorts, CO.
- Restaurant Assistant Manager at Vail Resorts, CO.
- Counselor for emotionally disturbed children. Seneca Institute. CA.

Open source code and writing

- [Without cognitive empathy, your language AI performance metrics are meaningless](#)
- [Langchain PR: Causal Program-aided Language \(CPAL\)](#)
- [Normalize tables using a LLM](#)
- [A play Ethereum MEV bot](#)
- [Small commit to shell-ai](#)
- [A git bare approach to version control your dot files](#)
- [Work papers](#)
- [Geoscore \(repo\)](#)
- PhD thesis. *Assessing Inequality using Geographic Income Distributions*
- *Spatial Econometrics* entry. Encyclopedia of Human Geography. 2009.
- *Interactive spatio-temporal modelling of health systems*
- *σ -convergence in the presence of spatial effects*
- *Integrating Econometric and Input-Output Models in a Multiregional Context*