

# Boris Dev

## Style

- quick prototypes
- tackle ambiguity
- papers

## Tech stack

- **Language AI:** LangChain, AWS Sagemaker & GroundTruth, annotation
- **Data:** Scrapy, Sklearn, Pandas, Geospatial, Numpy, Kafka
- **Engineering:** distributed systems, observability, analytic endpoints

## Job experience

### AI Engineer consultant at Wolf Games, 2023

- murder mystery story composition language primitives and service

### AI Engineer consultant at SimpleLegal, 2022-2023

SimpleLegal is a legal billing analytics company.

- launched a stuck AI feature
- shifting focus from training example 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

## Notable success

- New primitives for murder mystery story generation
- New [CPAL LLM Chain](#) is the first causal LLM chain. [Tweet by LangChain](#)
- 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)

## Interesting activities

- Nobsmed.com, a side project to help ordinary people evaluate their medical treatment options
- Climbed Cotopaxi (21,000 ft)
- Bodyboarded Mexpipe
- 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.

## Papers and code

- [Without cognitive empathy, your language AI performance metrics are meaningless](#)
- [Langchain PR: Causal Program-aided Language \(CPAL\)](#)
- [Work papers](#)
- [Academic papers](#)
- PhD thesis. *Assessing Inequality using Geographic Income Distributions*