Nishant Shukla   nishant@shukla.io   github.com/binroot   707-574-8552

QA Wolf Remote
Sr. Director of AI
1/2023 - present

Led AI engineering teams to build and apply multi-agent LLMs to reduce operational costs. Established foundational LLM, RAG, and fine-tuning data pipeline architecture. Accountable for increasing margins through fundamental contributions to the platform.

PyTorch, TensorFlow, LLMs, Scikit-Learn, Braintrust, W&B, Helicone, Node, Google Cloud Platform (GCP), TypeScript, Microsoft Azure, BigQuery, Redis, Docker, Python, Metabase, etc.

Duffl Los Angeles, CA
VP Eng.
1/2022 - 1/2023

Led the Data Science, Product, and Engineering teams. Scaled backend systems, launched the Duffl iOS app, hired senior software engineers, and established engineering best practices.

PostgreSQL, MySQL, TensorFlow, React, Django / Python, AWS, Redshift, Fivetran, Metabase, ElasticSearch, Redis, Datadog, Instabug, Sentry, PostHog, iOS, GitLab CI/CD, etc.

Wellth Los Angeles, CA
VP Eng.
7/2020 - 1/2022

Scaled HIPAA compliant systems 10x. Established new engineering processes and tooling. Led data science projects: churn prediction, object detection (CV), propensity scoring, and patient risk modeling.

TypeScript, Node, GraphQL, PostgreSQL, RabbitMQ, ElasticSearch, React, React Native, Python, TensorFlow, Docker, CircleCI, AWS, Mabl, DeviceFarm, Datadog, Bugsnag, Mixpanel, etc.

DMAI Los Angeles, CA
VP Eng.
11/2017 - 7/2020

Lead Architect
8/2017 - 11/2017

Nurtured teams as we grew from 2 to over 50 engineers. Led design decisions, implemented original architecture, and prepared investor demos for seed, Series A, and Series B rounds. Involved in the full software development life-cycle process of two AI products.

Python, C++, Rust, WebAssembly, React, TensorFlow, Firebase, MongoDB, Android/iOS, Unity, AWS, Google Cloud, Protocol buffers, WebRTC, Docker, Jenkins, etc.

SpaceX, Foursquare, Facebook, Microsoft
2008 - 2016

Interned at SpaceX (2016) as a Machine Learning Engineer. Also interned at Foursquare (2014), Facebook (2013), Microsoft (2012), WillowTree (2011), and Buchanan & Edwards (2008-2010) as a SWE.
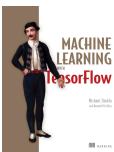
Python, TensorFlow, Node, React, MongoDB, Scala, Java, Gradle, Android, C#, .NET, Erlang, etc.

UCLA Los Angeles, CA
Ph.D. Computer Science 9/2016 - 5/2019
## M.S. Computer Science 9/2014 - 5/2016
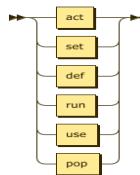
Awarded "Outstanding Graduating Master's Student" and the "Graduate Fellowship."

University of Virginia Charlottesville, VA
B.S. Computer Science 9/2010 - 5/2014
B.A. Mathematics 9/2010 - 5/2014

Awarded the "Elsie Hughes Cabell Endowed" and "A Thomas Young" scholarships. GPA 3.8.

Machine Learning with TensorFlow
2018
272-page book

Dialogue Manager Programming Language (DMPL)
2020
W3C whitepaper

Haskell Data Analysis Cookbook
2014
334-page book