

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

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

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

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, Opsgenie, Mabl, DeviceFarm, Datadog, Bugsnag, Mixpanel

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

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.

Lead Architect
8/2017 - 11/2017

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

SpaceX, Foursquare, Facebook, Microsoft
2008 - 2016

Interned at SpaceX (2016) as a Machine Learning Engineer. Also intern 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

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."

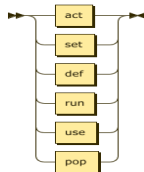
University of Virginia Charlottesville, VA
B.S. Computer Science 9/2010 - 5/2014
B.A. Mathematics 9/2010 - 5/2014

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



System and method for speech understanding via integrated audio and visual based speech recognition

2021
US patent



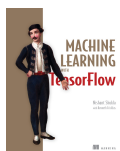
Dialogue Manager Programming Language (DMPL)

2020
W3C whitepaper



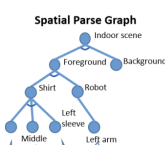
A Chatbot Expedition

2020
Article in magazine



Machine Learning with TensorFlow

2018
272-page book



Robot learning with a spatial, temporal, and causal and-or graph

2016
Research paper



Haskell Data Analysis Cookbook

2014
334-page book