

Nishant Shukla

nishant@shukla.io
707-574-8552
@binroot

U.S. Citizen
Full-time
Los Angeles, CA

Portfolio [shukla.io](#)
GitHub [BinRoot](#)
LinkedIn [shuklanx](#)

DMAI, Inc.
Aug 2017 - present
VP Engineering

Nurtured engineering teams as we grew from 2 to 50 employees. Led design decisions, implemented architecture, managed budget, established processes, and cultivated a powerful team (Python, C++, React/Node.js, C#/.NET, Java, WebAssembly, AWS, Google Cloud, gRPC, Android, TensorFlow, MongoDB, Bazel, Docker).

SpaceX
Jun - Sep 2016
Machine Learning Intern

Implemented time-series predictors/anomaly-detection (Python).

UCLA
May - Sep 2015
Research Engineer

Led robotics platform team and published papers (Python, C++, ROS).

Foursquare
Jun - Sep 2014
Software Engineer Intern

Shipped new Android features and designed server APIs (Java, Scala).

Facebook
Jun - Sep 2014
Software Engineer Intern

Developed face-detection and photo-caching on Android (Java).

Microsoft
Jun - Sep 2012
Software Engineer Intern

Designed and developed Visual Studio features (C#/.NET).

WillowTree
Jun - Sep 2011
Software Engineer Intern

Published the University of Virginia and nTelos Pav apps (Java, Erlang).

Buchanan & Edwards
Summers 2018 - 2011
Software Engineer Intern

Programmed SharePoint ticketing systems (SQL, JavaScript).

UCLA
2014-2019

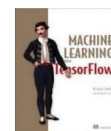
Ph.D. Computer Science,
M.S. Computer Science,
Awarded "Outstanding Graduating Master's Student" and the "Graduate Fellowship"

Researched under Song-Chun Zhu at the Center for Vision, Cognition, Learning, and Autonomy, and published papers to CoRL, AAAI, EMNLP & ICRA.

Univ. of Virginia
2010-2014

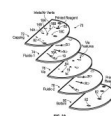
B.S. Computer Science,
B.A. Math, Minor Physics,
Awarded the "Elsie Hughes Cabell Endowed" and "A Thomas Young" scholarships.

Graduated with Highest Distinction (GPA 3.8).
Lectured a 1-credit course on Haskell.
Founder of UVA's first hackathon ([hoo hacks.io](#)).



Jan 2018

"Machine Learning with TensorFlow"
272-page book.
ISBN 9781617293870



Oct 2015

"Systems, Devices and Methods for Analyzing and Identifying Substances"
Patent PCT/US2016/058304



Jun 2014

"Haskell Data Analysis Cookbook"
334-page book.
ISBN 9781783286331