

# Nishant Shukla

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@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 2013  
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 2008 - 2011  
Software Engineer Intern

Programmed SharePoint ticketing systems (SQL, JavaScript).

**UCLA**  
2014-2019

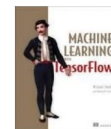
**Ph.D. Computer Science,**  
**M.S. Computer Science,**  
Awarded "Outstanding Graduating Master's Student" and the "Graduate Fellowship"

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

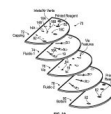
**B.S. Computer Science,**  
**B.A. Math, Minor Physics,**  
Awarded the "Elsie Hughes Cabell Endowed" and "A Thomas Young" scholarships.

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