

# NISHANT SHUKLA

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707-574-8552  
@binroot

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

Portfolio [shukla.io](https://shukla.io)  
GitHub [BinRoot](https://github.com/BinRoot)  
LinkedIn [shuklanx](https://www.linkedin.com/in/shuklanx)

**DMAI, Inc.**  
Aug 2017 - present  
VP Engineering  
Los Angeles, CA

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

**SpaceX**  
Jun - Sep 2016  
Machine Learning Intern  
Hawthorne, CA

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

**UCLA**  
May - Sep 2015  
Research Engineer  
Los Angeles, CA

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

**Foursquare**  
Jun - Sep 2014  
Software Engineer Intern  
New York City, NY

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

**Facebook**  
Jun - Sep 2013  
Software Engineer Intern  
Menlo Park, CA

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

**Microsoft**  
Jun - Sep 2012  
Software Engineer Intern  
Redmond, WA

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

**WillowTree**  
Jun - Sep 2011  
Software Engineer Intern  
Charlottesville, VA

Developed and published Android apps from scratch (Java, Erlang).

**Buchanan & Edwards**  
Summers 2008 - 2011  
Software Engineer Intern  
Arlington, VA

Programmed SharePoint ticketing systems (SQL, JavaScript).

**UCLA**  
2014-2019

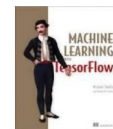
**Ph.D. Computer Science,**  
**M.S. Computer Science,**  
Awarded "Outstanding Graduating Master's Student" and the "Graduate Fellowship"

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

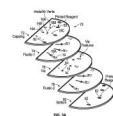
**B.S. Computer Science,**  
**B.A. Math, Minor Physics,**  
Awarded the "Elsie Hughes Cabell Endowed" and "A Thomas Young" scholarships.

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