Nishant Shukla

nishant@shukla.io 707-574-8552
U.S. Citizen
Los Angeles, CA
Portfolio shukla.io
GitHub BinRoot

Experience

DMAI, Inc. | VP Engineering
August 2017 - present
Los Angeles, CA - Nurtured engineering teams as we grew from 2 to 50 employees. Led design decisions, and implemented core architecture. Managed budget, established development processes, and cultivated a powerful team.

SpaceX | Machine Learning Intern
Jun - Sep 2016
Hawthorne, CA - Researched and implemented time-series predictors and anomaly-detection.

UCLA | CV Researcher
May - Sep 2015
Los Angeles, CA - Led our core robotics platform team. Published multiple research papers (ICRA, AAAI, CoRL).

Foursquare | Software Eng Intern
Jun - Sep 2014
New York City, NY - Built and improved core Android product. Implemented server APIs in Scala.

Facebook | Software Eng Intern
Jun - Sep 2013
Menlo Park, CA - Developed face-detection interfaces on Android. Implemented intelligent photo-caching systems.

Microsoft | Software Eng Intern
Jun - Sep 2012
Redmond, WA - Designed, developed, and shipped a Visual Studio start-page using C# / .NET.

WillowTree Apps | Junior Mobile Developer
Jun - Sep 2011
Charlottesville, VA - Published the University of Virginia Android and nTelos Wireless Pav Android apps.

Buchanan & Edwards | IT Intern
Summers 2008 - 2011
Arlington, VA - Programmed SharePoint ticketing.

Education

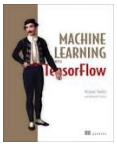
UCLA (2016 - 2019)
Ph.D. Computer Science, under Prof. Song-Chun Zhu.
Center for Vision, Cognition, Learning, and Autonomy.

UCLA (2014 - 2016)
M.S. Computer Science, under Prof. Song-Chun Zhu.
Awarded *Outstanding Graduating Master's Student* (2016).
Awarded *Graduate Fellowship* (2015).

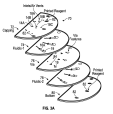
University of Virginia (2010 - 2014)
B.S. Computer Science, **B.A.** Mathematics, Physics Minor.
Cumulative GPA 3.8, Highest Distinction.
Awarded *Elsie Hughes Cabell Endowed Scholarship* (2014).
Awarded *A Thomas Young Scholarship* (2012).

George Mason High School (2006 - 2010)
International Baccalaureate (**IB**)
Cumulative GPA 4.0, Valedictory Scholar

Publications



"Machine Learning with TensorFlow"
2018, ISBN 9781617293870, 272 pages



"Systems, Devices and Methods for Analyzing and identifying Substances"
2017, Patent ID PCT/US2016/058304

"Haskell Data Analysis Cookbook"
2014, ISBN 9781783286331, 334 pages

Technology

Lang: Python, C++11, Java, Javascript, Haskell, Bash, Scala, C#/.NET, MATLAB, R, Rust, x86 Assembly, Erlang

Misc: TensorFlow, Scikit-learn, Android, Amazon Web Services (AWS), Git, MongoDB, Flask, Node.js, OpenCV, GNU/Linux, gRPC, Google App Engine, Jira