

Nishant Shukla

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707-574-8552

github.com/binroot

Wellth *Los Angeles, CA*
VP Eng. 7/2020 - present

Scaled systems 10x (RabbitMQ, PostgreSQL, ElasticSearch, TypeScript, Node, React, TensorFlow, Docker, CircleCI, AWS).
Established new tooling (Opsgenie, Mabl, DeviceFarm, Datadog, VividCortex, Apollo Studio, Bugsnag).

DMAI *Los Angeles, CA*
VP Eng. 11/2017 - 7/2020
Lead Architect 8/2017 - 11/2017

Nurtured engineering teams as we grew from 2 to over 70 employees (Python, C++, Rust, WebAssembly, React, TensorFlow, Firebase, MongoDB, Android/iOS, Unity, AWS, Google Cloud, Protocol buffers, WebRTC, Docker, Jenkins).

SpaceX *Hawthorne, CA*
AI/ML Intern 6/2016 - 9/2016

Implemented linear and nonlinear predictive models (TensorFlow, scikit-learn, Python). Designed data analysis tools used by mission control (JavaScript, HTML, CSS, MongoDB).

UCLA *Los Angeles, CA*
AI/ML Eng. 5/2015 - 9/2015

Led robotics platform team and published conference papers to CoRL, AAAI, EMNLP & ICRA. (TensorFlow, Python, C++, ROS).

Foursquare *New York City, NY*
SW Eng. Intern 6/2014 - 9/2014

Developed the Swarm Android app. Contributed to both server side and client-side codebases (Scala, Java, Gradle, Android).

Facebook *Menlo Park, CA*
SW Eng. Intern 6/2013 - 9/2013

Implemented face tagging and thumbnail image caching on Android (Java, Buck, Android).

Microsoft *Redmond, CA*
SW Eng. Intern 6/2012 - 9/2012

Designed, implemented, and published Visual Studio plugins (C#, .NET, XAML).

WillowTree *Charlottesville, VA*
SW Eng. Intern 6/2011 - 9/2011

Implemented and published the University of Virginia and nTelos Android apps (Java, Android, Erlang).

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

Programmed SharePoint ticketing systems (SQL, JavaScript).

UCLA *Los Angeles, CA*
Ph.D. Computer Science 2016 - 2019
M.S. Computer Science 2014 - 2016
Awarded "Outstanding Graduating Master's Student" and the "Graduate Fellowship."

University of Virginia *Charlottesville, VA*
B.S. Computer Science 2010 - 2014
B.A. Mathematics 2010 - 2014
Awarded the "Elsie Hughes Cabell Endowed" and "A Thomas Young" scholarships. GPA 3.8.



**System and method for
personalized and adaptive
application management**

2020
US Patent



**Machine
Learning with
TensorFlow**

2018
272-page book



**Haskell Data
Analysis
Cookbook**

2014
334-page book