

# Dhruv Singhal

[linkedin.com/in/singhaldhruv](https://www.linkedin.com/in/singhaldhruv)

[github.com/dhruvsinghal](https://github.com/dhruvsinghal)

## Education

- Master of Science in Computer Science** from **Cornell University**, Ithaca, NY. 2017  
**Bachelor of Science in Computer Science** from **Cornell University**, Ithaca, NY. 2015

## Work Experience

- Software Engineer** at **Google, Inc.**, Mountain View, CA. June 2017 - Present
- Working on upcoming identity and authentication products for the **Google Cloud Platform**.
- Software Engineering Intern** at **Facebook, Inc.**, Menlo Park, CA. Summer 2016
- Added full backwards-compatible, platform-independent Unicode support to Facebook's **Watchman** project in **C** and **Python**.
  - Created a Python **AsyncIO** client for interacting with the Watchman service.
  - Project link: [github.com/facebook/watchman](https://github.com/facebook/watchman).
- Software Engineering Intern** at **Google Youtube, Inc.**, San Bruno, CA. Summer 2015
- Integrated high quality signals into the backend used by YouTube Mix to recommend related music videos as well as for broad music search queries.
- Engineering Practicum Intern** at **Google, Inc.**, New York, NY. Summer 2014
- Modified schema and the **REST** API for a **No-SQL** database of employees and products.
  - Created a reactive home page and several other pages for the web application that provides a view into the database using **AngularJS**.

## Teaching Assistantship

- Operating Systems** as a Graduate Teaching Assistant Aug 2016 - May 2017
- Computer Vision** as the Head Teaching Assistant Jan 2016 - May 2016
- Systems Organization** as a Graduate Teaching Assistant Aug 2015 - Dec 2015
- Engineering Probability & Statistics** as an Engineering Peer Tutor Aug 2014 - Dec 2014
- Discrete Structures** as an Engineering Peer Tutor Jan 2014 - Dec 2014

## Relevant Coursework

### Systems Courses

Computer Architecture  
Operating Systems  
System & Network Security  
Cloud Computing  
Networks & Telecommunications

### Artificial Intelligence Courses

Artificial Intelligence  
Machine Learning  
Computer Vision  
Numerical Methods  
Computer Graphics

## Technical Skills

- Proficient in **Java**, **Python**, **C**, **C++**, and **Matlab**, and familiar with **Bash**-Scripting, and **SQL**.
- Familiar with **HTML5**, **CSS**, **JavaScript**, **AngularJS** and **Flask**.
- Familiar with **OpenCV**, **Scipy**, and **Numpy**.