

Himank Yadav

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EDUCATION

CORNELL UNIVERSITY

PhD in Computer Science
Starting Aug 2018
Ithaca, NY

TEXAS A&M UNIVERSITY

BS in Computer Science
Cum. GPA: 3.96 / 4.0
May 2018

Undergraduate Research Scholar
Facebook Tuition Scholarship '16
Accenture Tuition Scholarship '15
Dean's List (All Semesters)
Engineering Honors

LEADERSHIP

TAMUHACK

Leading a team of 9 students to organize Texas A&M's hackathon hosting 500+ hackers. \$60k budget.

CONTRARY CAPITAL

Founding Student Partner for a decentralized VC fund providing seed capital upto \$100,000.

COURSEWORK

Design and Analysis of Algorithms
Human Computer Interaction
Artificial Intelligence
Natural Language Processing
Operating Systems
Functional Programming

SKILLS

Proficient:

Java • Python

Exposure to:

C • C++ • Swift • Flask • iOS •
Android • Haskell • GlowScript •
HTML/CSS • JavaScript • Django

Software/Tools:

Git • Phabricator • Mercurial •
CircleCI • Xcode • Sketch • 3DS

LINKS

Github:// [him229](#)

LinkedIn:// [himankyadav](#)

Devpost:// [him229](#)

EXPERIENCE

FACEBOOK | Intern | Core Systems

May 2017 – Aug 2017 | Menlo Park, CA

- Developed a system to detect and predict service dependency outages in production to improve reliability for core app teams (Newsfeed, Instagram).
- Engaged with disaster recovery and service router to create an isolated repository of service dependency mapping for regional DC storms.
- Drove the platform to MVP launch for 25 partner teams in under 11 weeks.

NEXTDOOR | Intern | International Growth

Jan 2017 – May 2017 | San Francisco, CA

- Built and deployed a containerized geolocation service that normalizes addresses and provides coordinates with an avg latency of 2 ms.
- Developed a full-stack internal tool to render, preview and plot neighborhood boundaries in European countries. Created >7k plots.
- Streamlined the login process for all staff users across all of Nextdoor's TLDs. Implemented privacy screens for NUX flow on iOS and Android.

APPLE | Intern | Maps

May 2016 – Aug 2016 | Sunnyvale, CA

- Developed and shipped an applicant tracking system with an independent server-side RESTful API and a full-stack web application.
- Set-up a continuous integration and deployment release pipeline along with automated test coverage. Integrated with other internal tools.

CK-12 FOUNDATION | Intern | PLIX

June 2015 – Aug 2015 | Palo Alto, CA

- Built and implemented simulations for PLIX - an internal tool built on a JavaScript math library JSXGraph. 10+ simulations pushed to production.
- Developed navigable 3D displays and animations using graphic modules VPython and GlowScript to demonstrate scientific concepts.

SELECTED PROJECTS

HUBOT-SHEETSU | CoffeeScript

<https://www.npmjs.com/package/hubot-google-sheetsu>

A hubot plugin that allows you to connect to and consume a Google sheet.

- Open-sourced: 100+ downloads in the first month of release

PHRESH | Swift • Flask • Python • Heroku

<http://phreshapp.herokuapp.com>

iOS app that prevents food expiry by analyzing user's groceries receipts.

- 3rd Place at HackIllinois 2016

KINVEST | Machine Learning • Python

<http://devpost.com/software/kinvest>

Predictive ML model quantifying impact of micro-lending by Kiva in any country.

- Most Insightful Hack at HackMIT 2016

ALDRA | Node.js • Flask • Python • Swift • Raspberry Pi

<http://devpost.com/software/aldra>

A complete bike safety system for riders with crash & SONAR blind spot detection, sleep prevention and a wearable dashboard.