

# Pranav Dhingra

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## EDUCATION

### NORTHWESTERN UNIVERSITY

B.A. IN COMPUTER SCIENCE,  
ECONOMICS (DOUBLE MAJOR)  
Expected June 2019 | Evanston, IL  
Cum. GPA: 3.61/4.00

Github:// pcatattacks  
Medium:// @pranavdhingra  
https:// pranavdhingra.me

## COURSEWORK

### COMPUTER SCIENCE

Deep Learning  
Machine Learning  
Artificial Intelligence  
Agile Development  
Computer Networking  
Databases  
Human Computer Interaction  
Algorithms  
Discrete Math for CS  
Intro to Systems  
Data Structures & Algorithms  
Object-Oriented Programming

### ECONOMICS

Money and Banking  
Industrial Economics  
Econometrics  
Intermediate Macroeconomics  
Intermediate Microeconomics-1,2  
Statistics for Social Sciences

## SKILLS

### PROGRAMMING

Python • C++ • Java  
JavaScript • Racket (LISP-like)  
C# • SQL

### OTHER

Keras • TensorFlow • SciKit-Learn  
React (Native) • Node.JS • MongoDB  
AngularJS • Ionic • Expo  
• HTML&(S)CSS

### TOOLS

Git • Gerrit • JIRA

## LANGUAGES

English (Native)  
Hindi (Native)  
French (Working Knowledge)

For more projects or info, please visit <https://pranavdhingra.me> or my Github profile: @pcatattacks.

## EXPERIENCE

### TRAX | ALGORITHM ENGINEER INTERN

June 2018 - Sep 2018 | Tel Aviv, Israel

- Built and trained deep learning models for object detection and classification as part of Computer Vision Group.
- Implemented debugging tool for Deep Networks based on feature visualization and attribution.

### TRUECALLER | SOFTWARE ENGINEERING INTERN

June 2017 - Sep 2017 | Stockholm, Sweden

- Created emoji-keyboard keyword search functionality on Android platform for 'Flash messaging' feature.
- Built internal tool to streamline and automate TruePriority feature workflow across Platform engineering and Analytics teams.

### A.T. KEARNEY | SUMMER INTERN

June 2016 - August 2016 | Singapore

- Contributed to identifying \$2 million worth of potential savings for major steel-coated product manufacturer attempting to optimize costs.

## ON-CAMPUS

### EECS & ECON DEPT. | TEACHING ASSISTANT

Multiple Quarters | Evanston, IL

- TA for introductory programming, AI (Winter & Fall 2017, Winter & Spring 2018) and macroeconomics (Winter 2017) courses.
- Led weekly discussion sessions, graded assignments and held office hours to aid students with coursework.

### EPIC TECHNOLOGY | DIRECTOR OF TECH

Feb 2017 - Feb 2018 | Evanston, IL

- Led a team of 10 developers building for startups and other clients.
- Managed and scoped projects and weekly sprints while overseeing individual and team development.

### FED. RESERVE CHALLENGE TEAM | HEAD RESEARCHER

Oct 2015 - Present | Evanston, IL

- Compete in the Fed Challenge competition against other schools to present monetary policy recommendations to members of the Federal Reserve.
- 2017 regional round runners-up. 2015 regional round winners, national round finalists.

## SIGNIFICANT PROJECTS

### STRUGGLEBUS

- A mobile app that helps NU students choose classes to take together. Built using the Ionic framework for hybrid apps, AngularJS with a Firebase backend and Facebook API.

### MOODTRACK

- A mobile mood-tracker app for the staff of Lurie Children's Hospital. Built for Dr. Marcelo Malakooti, using React Native, Expo, AWS RDS.

### PLAYLIST ANALYTICS

- A React webapp that uses the Spotify API to aggregate song data in playlists and present visualizations.