

# PRABHAV CHAWLA

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## OBJECTIVE

To obtain a Software Engineering Internship for Summer 2017

## EDUCATION

### Georgia Institute of Technology, Atlanta, GA

August 2016 – Present

Expected Graduation: May 2020

- Bachelor of Science in Computer Science
- Relevant coursework- Machine Learning MOOC by Andrew Ng, Object Oriented Programming in Java

### The Shri Ram School Aravali, Gurgaon, India

April 2012 – May 2016

- GPA 98/100; achieved 2<sup>nd</sup> highest marks in the state of Haryana, perfect scores in CS, Math and Physics
- Received the school's Innovator Award 2016 and the Scholar Award 2016
- Cleared the aptitude exam for Kishore Vaigyanik Protsahan Yojana, a National fellowship in basic sciences, and secured 6 medals in Olympiads conducted by the Science Olympiad Foundation

## WORK EXPERIENCE

### Opera Solutions, LLC, Noida, India

May 2015

Front-end Web Development Intern

- Created an employee login portal using HTML, CSS and JavaScript; portal is used by 100 employees daily
- Delivered a presentation to the CEO regarding the functionality of the portal
- Exposed to latest trends in Big Data analytics and Data Science through company organized workshops

## PROJECTS

### DisMap

October 2016

- Used Java to manage the database of an android app which scrapes Yelp reviews to identify restaurants with recorded incidents of racism or sexism and to display them on a map
- Won the HackHarassment prize at HackNC 2016

### SafeWalk

September 2016 – Present

- Provided backend support for an iOS app which suggests the safest route to walk from origin to destination:
  - Applied data analytics on crime logs using Python to classify streets as safe or unsafe
  - Used the Google Maps API and parsed the JSON output using Python
- Led a team of four to implement the application for the Georgia Tech campus map at HackGT

### MedCloud

October 2015 – May 2016

- Created a cloud based solution for storing medical and biometric records, which can be accessed by hospitals to provide appropriate treatment to patients
- Won 2nd place at ShriTeq product design competition

### InfraElephant

June 2015 – November 2015

- Co-authored a research paper titled- 'Using Sound Waves to Prevent Elephant Deaths in Train Accidents'
- Designed a Java application to emit sinusoidal sound waves of desired frequency by using the Sound API
- Presented the project at the Dr. A.K. Saha Memorial Young Scientists Convention

## SKILLS

**Languages:** Java, Python, HTML, CSS, Bash, Git, JavaScript

**IDEs:** IntelliJ, PyCharm

## ACTIVITIES

The Agency – AI Club at College of Computing · Member

August 2016 – Present

- Built a bigram Markov chain text generator in Python

Student Government Association IT Board · Member

August 2016 – Present

Competitive Programming · [codechef.com/users/pc\\_1998](https://www.codechef.com/users/pc_1998)

May 2016 – Present

Aravali Model UN · Head of Research

April 2015 – October 2015