

# Chaitanya Joshi

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## EDUCATION

### NANYANG TECHNOLOGICAL UNIVERSITY

**BENG IN COMPUTER SCIENCE**  
Expected Aug 2019 | Singapore  
Cum. GPA: 4.92/5.00  
Major GPA: 5.00/5.00

### THE MOTHER'S INTERNATIONAL SCHOOL

Grad. May 2015 | New Delhi, India  
Score: 97.2%

## LINKS

LinkedIn:// ckjoshi9  
Github:// ckjoshi9  
Behance:// ckjoshi9

## COURSEWORK

Data Structures  
Machine Learning  
Discrete Mathematics  
Calculus  
Probability & Statistics  
Computer Architecture  
Digital Logic  
Computational Thinking in Python  
Introduction to Economics

## SKILLS

### PROGRAMMING

Over 5000 lines:

Python • C++ • C

Over 1000 lines:

Java • CSS • HTML

Familiar:

MATLAB • Assembly • MySQL •

Javascript • PHP

### TOOLS/Frameworks

Proficient:

Android Studio • Adobe Photoshop •  
WordPress

Familiar:

Django • Twitter Bootstrap • Allegro

## PERSONAL PROJECTS

### AUTO MATE FOR TINDER | ARTIFICIAL INTELLIGENCE ALGORITHM

Hackathon Project | Jan 2016

- Ranks Tinder (dating app) profiles based on bio text and images, and automatically likes all those which fulfil predefined metrics.
- Used a keyword extraction algorithm in combination with a custom dictionary for sentiment analysis of the bio text.
- Modified a feature extraction algorithm to rate images on attractiveness, promiscuity etc.
- Unofficial Tinder API to interact with Tinder.

### MUSIC LIBRARY OCD FIXER | PYTHON SCRIPT

Open Source Project | Jan 2016

- Automatically fetches metadata (track name, artist, album etc.) for music collections using multiple music APIs, and renames files accordingly.
- Active project on Github with two other (unknown) contributors.

### NTU FOOD GRID | WORDPRESS WEBSITE

Course Project | Oct 2015

- Food map cum discovery platform for all canteens across university campus.
- Constantly updating database relying on user contributions (images/descriptions/ratings) to find the best food items at each canteen.
- Designed a custom WordPress theme built in CSS and PHP.

## CO-CURRICULAR EXPERIENCE

### IEEE NTU STUDENT BRANCH | PUBLICITY DIRECTOR

Aug 2015 – Present

- Part of core organizing team for all club events.
- Responsible for club branding, graphic design and social media outreach.
- Designed a website for the annual hackathon- **INTUition 2016**.

### COMPUTER CLUB AT HIGH SCHOOL | PROGRAMMING EXECUTIVE

Jan 2014 – May 2015

- Leader of the competitive programming team.
- Responsible for promoting programming culture among students and recruiting new members to the club.
- Organized several events including an inter-school tech symposium with over 200 participants and a Python programming workshop for beginners.

## ACHIEVEMENTS

2015 28th out of 211 teams

ACM ICPC Singapore Preliminary Round

2015 1,234th out of 1.3 million (aprox)

Joint Entrance Exam for Engineering