

# Inderpartap Cheema

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## EDUCATION

### VIT UNIVERSITY

B.TECH IN COMPUTER SCIENCE AND  
ENGG.

May 2018 | Chennai, IN  
Cum. GPA: 8.32 / 10.0

### BAL NIKETAN SR. SEC. SCHOOL

Grad. May 2014 | Chandigarh, India  
XII Percentage - 80.8%

## LINKS

Github:// inderpartap  
LinkedIn:// inderpartapcheema  
Stack Overflow:// Inderpartap-Cheema

## COURSEWORK

### UNDERGRADUATE

Computer Networks + Practicum  
Operating Systems  
Agent Based Intelligent Systems  
Graph Theory  
Image and Vision Computing  
Computer Graphics + Practicum  
Software Engineering + Practicum

## SKILLSET

### PROGRAMMING

Over 1000 lines:

HTML • CSS • Javascript  
• Matlab • C • C++ • PHP  
• Assembly • MeteorJs

Familiar:

AngularJs • Python • Android  
• MySQL • R • Git / VCS

### KNOWLEDGE

• Machine Learning • Neural Networks  
• Interface Design • Wireframing  
• Rapid Prototyping • Web Usability  
• Grid & Layout • Image Editing  
• Good sense for Typography

## CERTIFICATIONS

### MACHINE LEARNING

- COURSERA

## EXPERIENCE

### AOSSIE - MIND THE WORD | OPEN SOURCE CONTRIBUTOR

Feb 2017 – Present

- Has an organic user-base of 10,000+ users.
- Revamped the complete UI using Angular Material. Implemented joyride for User Onboarding.
- Currently working on translation API for better translations and easy controls.

### CYBRAIN SOFTWARE SOLUTIONS | INTERN + FULL STACK DEVELOPER

Jun 2016 – Jul 2016 | Chandigarh, IN

- Designed and Implemented an e-commerce site for a client.
- Worked within teams including engineers, product managers, and sales reps to build and improve B2C layouts. Evaluated similar products, explored ideas and functionalities with the founders.
- Led a team of 2 interns on the development efforts on the admin dashboard.
- Full-stack developer - Wrote and reviewed code for JS using Backbone and Meteor

### CAMBUZZ (ENTREPRENEURSHIP) | CO-FOUNDER, TECHNICAL AND DESIGN LEAD

Jun 2015 – Nov 2016

- Co-founder of the open source startup, led a team of 9 members to create a campus networking platform.
- Lead design of the mobile and 2 major iterations of the web app. Revamped work-flow by following agile methodologies and using version control.
- Launched successfully in our campus and was used by 1500+ students in it's prototype run.

## PROJECTS

### ZCHEDULER | Feb 2017 – Apr 2017

- Created Zcheduler, a web-app that helps students who want to take on extra-curricular activities by tracking their attendance and alerting them from getting debarred.
- The app is written in Python with Flask integration and Beautiful Soup for web scraping.

### HAM-OR-SPAM | Feb 2017 – May 2017

- Led the development of Ham-or-Spam, a spam filtering system built using a custom Naive Bayes classifier.
- Used over 34,000 emails from the Enron dataset to train the classifier.
- Tech Stack - Flask, NLTK, gunicorn, Jinja2, dill.

### GENRE BASED MUSIC RECOMMENDER | Jul 2016 – Sep 2016

- Built in R, the system takes artists and their related tags from Last.fm and compares them using Jaccard Index. Used D3.js to connect the similar artists based on their tags.