

Inderpartap Cheema

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EDUCATION

VIT UNIVERSITY

B.TECH IN COMPUTER SCIENCE AND
ENGG.

May 2018 | Chennai, IN
Cum. GPA: 8.40 / 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.