

# Inderpartap Cheema

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## EDUCATION

**SIMON FRASER UNIVERSITY**  
MASTERS IN COMPUTER SCIENCE,  
SPEC. IN BIG DATA ANALYTICS  
Jan 2020 (EXP) | Burnaby, CA

**VIT UNIVERSITY**  
B.TECH IN COMPUTER SCIENCE  
AND ENGG.  
May 2018 | Chennai, IN  
Cum. GPA: 8.40 / 10.0

## LINKS

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

## SKILLSET

### PROGRAMMING

Over 1000 lines:  
HTML • CSS3 • Javascript  
• Matlab • Python • C • C++ •  
Java (Core Java) • Assembly  
• jBASE  
Familiar:  
AngularJs • MeteorJs • 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

**DEEP LEARNING**  
- COURSERA

## EXTRACURRICULAR

• Core committee member of  
OWASP student chapter  
• Core committee member of  
CodeYGen student club  
• Design team head at Vibrance'17,  
Annual cultural fest  
• Volunteer at Indian Educational  
Society, Gharachon, for 2 years

## EXPERIENCE

### TEMENOS GROUP | SOFTWARE ENGINEER- PRODUCT DEVELOPER

Jul 2018 – Jun 2019 | Bangalore, IN

- Selected as a Software Engineer-Product Developer by Temenos Group, Geneva, in campus placement.
- Learned Banking industry domain 101, Trained on Core Banking Software T24, Shadowing feature development and testing, to improve performance of the product.
- Worked on product feature development, testing and deployment.

### 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.
- Led 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.

## DATA SCIENCE PROJECTS

### SMART MIRROR | Jan 2018 – May 2018

- Created Smart Mirror, an IoT device that uses face recognition to display user specific modules.
- Added speech recognition using Hidden Markov Model.
- Ability to act as a control hub for other IoT devices.
- Technologies used - Electron, Node.js, Python, AWS.

### 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.