

# Inderpartap Cheema

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## EDUCATION

### SIMON FRASER UNIVERSITY

MASTERS IN COMPUTER SCIENCE,  
SPEC. IN BIG DATA ANALYTICS  
Jan 2021 (EXP) | Burnaby, CA  
Cum. GPA: 3.78 / 4.33

### 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  
• Spark • Python • C • C++  
• jBASE • Matlab

Familiar:

• Java • MeteorJs • MySQL  
• R • Git / VCS • Flask

### KNOWLEDGE

• Machine Learning • Neural Networks  
• Hadoop • AWS • API Development  
• Data Mining • Data Analysis  
• Data Warehousing • Interface Design  
• Wireframing • Rapid Prototyping  
• Web Usability • Grid & Layout  
• Good sense for Typography

## CERTIFICATIONS

### MACHINE LEARNING

- COURSERA

## EXTRACURRICULAR

- Mentor for 4 teams at National High School Big Data Challenge 2019-2020, organised by STEM
- Verified listener at 7 Cups, providing counselling to people experiencing emotional distress
- Volunteer at Indian Educational Society, Gharachon, for 2 years
- Core committee member of OWASP student chapter at VIT
- Design team head at Vibrance'17, Annual cultural fest of VIT

## 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

### FACT.ERR - FAKE NEWS DETECTOR | Sep 2019 – Nov 2019

- Built a fake news classifier using CNNs to classify live news feeds streamed through MongoDB.
- Built a data warehouse in Cassandra combining custom built datasets with pre-existing ones.
- Used Amazon EMR to clean the data and EC2 to train the model.

### SMART MIRROR | Jan 2018 – May 2018

- Created Smart Mirror, an IoT device that uses face recognition to exhibit user specific modules on a mirror-like display.
- Added speech recognition to enhance the user experience.
- 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.