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++
• jBASE
Familiar:
•Spark • MeteorJs • MySQL
• R • Git / VCS • AngularJs

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

CERTIFICATIONS

MACHINE 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 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.

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.