

YASH SHETH

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EDUCATION

Concordia University

Montreal | Sep 2018 - May 2020

Master of Applied Computer Science | GPA: 3.83 / 4

Relevant Courses: Machine Learning, Algorithms, Pattern Recognition, Advanced Programming Practices, Data Mining, Distributed System Design, Advance Database, Advance Software Architecture, Comparative Study of Programming Languages

Charotar University of Science and Technology

Gujarat | Aug 2014 - May 2018

Bachelor of Technology Information Technology | GPA: 9.01 / 10

Relevant Courses: Data Structures, Design and Analysis of Algorithms, Database Management System, Web Technologies, Intelligent Systems, Software Engineering, Java Programming, Mobile Development, Computer Networks

SKILLS

Programming Languages: Java, Python, C++, C, HTML, CSS, JavaScript, PHP, ReactJS, Clojure, Erlang

Tools/Frameworks: Git, Spring, Postman, Android Studio, Tableau, WEKA

Database: SQL, Firebase, NoSQL

EXPERIENCE

CEGEPGIM - Cégep de la Gaspésie | Professor

Montreal | May 2019 – Present

Youngest professor at Cégep de la Gaspésie teaching Computer Science courses such as Programming Languages, Algorithms, Design of Android Applications and Software Development Tools in Mobile Application Development (MAD) and Computer Science Techniques (CST) program to over 200 students.

Physical Research Laboratory (PRL) | Project Trainee

Ahmedabad | Jan 2018 – Apr 2018

Collaborated with stakeholders to develop a tool to aid scientists in Digital Image Processing and Analysis of Planetary Datasets from ISRO and NASA. The task involved working with hyperspectral images used for Planetary Geology. Developed “Hyper Image Analyser” for viewing hyperspectral images and plotting various reflectance spectrum for mineral and crater study. This tool also gives various mathematical and statistical outputs to help scientists and analysts.

Shreem Solarium | Web Developer

Vadodara | Sep 2017 – Jan 2018

Led design, development and implementation of a web application to significantly streamline the cost calculation and content development process.

PROJECTS

mLabs

Python, NumPy, Pandas, SciKit Learn, Git

Implemented various Machine Learning and Data Mining algorithms on 25 different datasets for classification and regression problems. Applied various data preprocessing, dimension reduction, hyperparameter search, validation and visualization techniques to gain valuable insights from the datasets.

Distributed Library Management System

Java

Developed a highly available and fault-tolerant library management system that aids library admins to manage and track their inventory and user to search, borrow and exchange books.

RISK – World Conquest

Java, Git

Developed Risk, which is a strategy board game of diplomacy, conflict and world conquest utilizing Java and various design patterns such as MVC, Observer and others.

CHARUSAT Coin

Android, Java, SQL, Git, APIs

Developed an Android application for cashless transaction on campus and other money management features.

KeepOnPad

HTML, CSS JavaScript, Firebase

Designed and implemented a real-time collaborative text editor which allows user to view, edit and share information.

LEADERSHIP

Google: Applied CS with Android | Facilitator

Facilitated and coached over 100 students on various Computer Science fundamental using the Android development platform. Developed various android application during workshops.

DSC App Team | Team Lead

Led university app team to develop Android applications for various festivals and events held at the University. Developed and hosted ‘Cognizance’ & ‘Vrund’ on PlayStore.