NAMAN BHANDARI

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EDUCATION

Bachelor Degree
University of Toronto

📅 Sep 2019 -   ⚲ Canada

- Specialist: Computer Science(Entrepreneurship Stream)
- CGPA: 3.88
- Related coursework:
  Software Design, Software Engineering, Operating Systems, Discrete Math, Object Oriented Programming, Data Structures Algorithms , Calculus, Digital Logic , Software Tools and Operating System, Human Computer Interaction

PROJECTS

Shell simulation(Java, SVN, Linux)
- Made in Java language and use SVN while working in a development team with 3 other students in Software Design course.
- Implemented some of the shell commands including mv, cd, history, echo and so on using OOP principle. concepts.
- Worked in scrum meeting setup to increase efficiency.
- Used Jira and Git to manage progress.

Horizontal Scrolling Space Game(MIPS Assembly Language)
- There are multiple obstacles flying towards the ship that you need to avoid by moving the ship around the screen so as not to crash into the objects.
- Using the keyboard to control the ship.
- MARS simulator and Logisim Evolution were used in making of this game.

Travel Trip Form(PHP, MySQL(phpMyAdmin), XAMPP)
- Made a PHP website to store name and other details of students who want to register for Trip.
- Created PHP and database environment using XAMPP, and stored all data in phpMyAdmin in a database format.

Image Recognition Software(Handwriting) (C Language)
- Program that can read in images of hand-written digits and automatically determines which digit the image shows.
- Implemented in C language using the concept of parallel programming with fork and pipes.
- Machine Learning technique like k-nearest-neighbour(kNN) is used for classifications.

Full Stack Work (HTML/CSS/JS , React , JQuery, MySQL)
- Made a local host website describing my skills and includes my CV, Projects and other details using HTML/CSS/JS and React.
- Experienced in making pages for login, register, add cart, and others by HTML/CSS/JS and used JQuery to verify data. Execute SQL queries to save data in MySQL database.

Prof. Python(Python) and Automation of email
- Online recorded video lecture(In Hindi) with a combination of Assignments to promote learning.
- Collaborated with the team at AMACSS to automate the process of sending emails to specific email addresses registered through the AMACSS Website using the MailChimp API and specific Python libraries like Matplotlib.

Review Nation(C language)

SKILLS

Languages:

Confident with C,Python, Object-oriented programming, Java, R language, C++,
Web Development:JavaScript/HTML/CSS, React, JQuery,PHP, WordPress,XML,UiPath, Power Apps, MySQL, SVN, Linux, GitHub Gitflow, Balsamiq ,IDE:Eclipse, Pycharm, XCode, Visual Studio

Also Familiar With:

Microsoft Office, Tableau, Excel, PowerPoint, MS Power BI, Adobe Photoshop, MS Excel

HONORS & AWARDS

NSTSE Exam (State Rank - 17 District Rank - 1)

📅 September 2018   ⚲ India

- It is a scientifically designed, skill-based assessment developed in India for Indian schools.

University of Toronto Dean's List

📅 September 2020   ⚲ Canada

University of Toronto Renewable Entrance Scholarship

📅 September 2019   ⚲ Canada

- Scholarship renewal in Winter 2020 and Winter 2021

EXPERIENCE

Teaching Assistant
Aakash Institute

📅 January 2018   ⚲ India

- Taught numerous students the core concepts of Mechanics and Algebra and strengthened their fundamentals in Maths and Physics, and supporting grade increase by 15 percent.

ACTIVITIES

Event Organizing Committee
Association of Mathematical and Computer Science Students (AMACSS), Toronto, ON

📅 Jan 2020   ⚲ Scarborough, Canada

- Worked closely with a team of 20 to organize and manage events for the CMS community.

Junior Director
Maths Department(Cambridge School)

📅 August 2018   ⚲ India

- Resolved issues regarding managing Maths course with other subjects to increase students interest in Maths and CS(Maths Applied).