

Sandeep Suri

Computer Engineering Student

👤 Profile

Sandeep is a computer engineering student looking for an opportunity to apply his critical thinking skills to unique problems. He prides himself in being self motivated and adaptable in fast-paced work environments. He is known for his ability to lead a team, and understanding the value in being a team player and providing a voice to his peers. He is passionate about developing innovative software that will push the boundaries within the mental health sector.

📋 Summary of Skills

- Website development using either WordPress, bootstrap, jQuery, JavaScript, html, CSS, php, and MySQL.
- Image processing made using MATLAB or python.
- Currently creating a chat messenger application that incorporates socket programming, database and UI with Java
- Currently creating a ranking program and search engine using python

🎓 Education

Bachelor's of Engineering, Ryerson University, Toronto, ON

September 2015 – Present

Relevant courses taken: Object Oriented Engineering Analysis, Operating Systems, Computer Networks, Embedded System Design, Intro to Digital Image Processing, and Law and Ethics.

📁 Relevant Projects

Intro to Digital Image Processing (Ryerson)

November 2018

- Used technical knowledge learned from the course and python to analyze a design, simulate and then implement and test.
- Implemented two colour space transformations for image processing by using python modules such as open cv. Received a 98% on this final project.

Twitter Clone using MVC

August 2017

- Created a Twitter clone by using a Model-View-Controller (MVC) framework which will allow users to login and sign up, share tweets, search tweets, view public tweets, and logout.
- Used techniques learned from the course such as using FireFTP to transfer over files, PHP as a primary language for setting the various functions, bootstrap, phpMyAdmin, MySQL, and HTML, CSS and JavaScript.

Details

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Links

[LinkedIn](#)

Skills

HTML5 and CSS

JavaScript

Python

MySQL

Java

php

WordPress

Lab Store Project (Ryerson)

November 2017

- Developed and implemented a GUI based Java application to manage an online store to help keep track of items, manage product availability, allows customers to buy or remove return, and stores all the information about each item in the main store.
- Utilized software models such as Class, Activity, and Sequence Diagrams to enhance the visualization

📁 Employment History

Programming and Robotics Tutor at Aanin Community Center, Markham

May 2018 – December 2018

- Taught youth from the ages of 4 – 14 on basic HTML and CSS, JavaScript, and circuits.
- Prepared daily lesson plans based on the age group. Younger students would have a more hands on approach compared to the older students.

Work Study Intern at iBoost, Toronto

May 2017 – August 2017

- Restructured incubator's website utilizing Wordpress
- Provided upcoming start-ups with the necessary resources and tools to thrive
- Completed market research through conducting interviews
- Obtained and analyzed feedback for iBoost initiatives

Facilitator and Webmaster at Treehouse Learning Labs, Toronto

May 2017 – March 2018

- Responsible for creating, maintaining and updating the company's website utilizing Wordpress
- Mentored youth ages of 8 – 14 about Arduinos, Arduino IDE, and wiring breadboards in a classroom environment
- Helped organize meetings and equipment such as Arduino boards, breadboards, wires, resistors, and LEDs into kits to give out to the students
- Prepared daily lesson plans based on the coding language of the Arduino IDE

📖 References

References available upon request