Sanjay Swamy

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EDUCATION

Carleton University   Ottawa, ON
Bachelors of Arts, Psychology   *September 2018 – June 2021*

Carleton University   Ottawa, ON
Bachelors of Computer Science   *September 2016 – September 2018*
- CUHacking RLSolutions Challenge 1st place

EXPERIENCE

Lead Web Developer   July 2020 – September 2020
Generation No Limit   *Brampton, ON*
* Design and develop user-friendly websites for clients that can ensure page views, interactive user experiences and high traffics
* Fix bugs and issues with existing websites and provided enhancements that significantly improved web functionality and speed
* Collaborate with the team on campaign strategies to promote the mission statement of Generation No Limit

Tools Developer   July 2017 – August 2017
Corels Corporation   *Ottawa, ON*
* Conducted fortify scans on 956 websites ensuring sites were secure data flow, control flow, semantic, structural, configuration and buffer
* Used hard coded passwords in config file, key management, SQL injection and Cross-site (XSS) for remediation
* Checked whether the HTTPS protocol of each website was safe and secure

PROJECTS

Photography Website | *JavaScript, HTML5, CSS, PHP - Developer*   June 2019
* Built a website showcasing a collection of pictures taken
* Used JavaScript to create animations for each page of the website
* Feedback and reviews were submitted using a contact form created using PHP
* Layouts and animations created using CSS and HTML 5

Green Screen FX | *Python - Developer*   November 2018
* Python based project made to merge a background image and an image of an object with a green screen
* Pygame used to develop the elements within the project to merge images together

Lego Sorter | *Java - Developer*   May 2017
* Developed a Lego set arrangement application to sort according to the pieces, number of heroes, special characters, difficulty, age and price using linked lists stored in a .txt file
* Broke down the problems into modular and reusable functions

Diet And Nutrition App | *Java - Developer*   March 2017
* Android based app created during Carleton's first hackathon
* Calculates the number of calories eaten throughout the day with Text to Speech and Speech to Text recognition
* Algorithm developed using Android Studio
* User sign up/login page created using Google Firebase Authentication

TECHNICAL SKILLS

Languages: Java, Python, SQL, JavaScript, HTML/CSS, PHP
Frameworks: Node.js, WordPress, Material-UI, FastAPI
Developer Tools: Atom, Visual Studio, PyCharm, IntelliJ, Eclipse
Libraries: Matplotlib