MANETH KULATUNGE

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EDUCATION

McGill University · Sept. 2018 to June 2022
Bachelor of Science: Computer Science

SKILLS

PROGRAMMING: Java, Python, Bash, Javascript, HTML, CSS
TOOLS/LIBRARIES: Flask, Bootstrap, jQuery, Microsoft Azure

EXPERIENCE

Simpli-sity   Montreal,Quebec
Co-Founder   Oct. 2018 to Current
- Set up a service to cultivate a college-bound culture in Sri Lanka by providing access to one-on-one mentoring for support to high school students to and through college
- Mentored 2 students with individualized college counseling services and assisted them with their admission process and standardized tests
- Designed a website using Wordpress and increased subscription by 20 customers on the platform
- Assembled a group of high school students for our peer-mentorship service
- Managed the organization's social media accounts which correlated with a rise in social media reach by 100 followers.
- *http://simpli-sity.com/*

Nations Trust Bank PLC   Colombo 7, Sri Lanka
Marketing Intern- FriMi Digital Bank   Mar. 2018 to June 2018
- Handled the execution of all promotional events of the company
- Monitored social media profiles and the content posted on social media platforms
- Documented all transactions and payments between suppliers and the company
- Raised awareness at public gatherings about digital banking and its benefits

PROJECTS

McHacks- Geotab Challenge   Feb. 2019
- Built a system which allows users to choose view trip histories and specific trip routes during a specific period of time
- Utilized Geotab API and used Javascript coding to authenticate potential users who would want access data from Geotab
- Designed a user interface system that allows users to enter specific date ranges of travel and view the routes they took for the specified dates. Technologies used included HTML, CSS, JSON Objects and Flask server
- Analyzed vehicle tracking data from a database provided by Geotab and plotted specific journeys taken by the vehicles tracked on a map using GM Plot API according to the longitude and latitude of vehicle coordinates
- *https://devpost.com/software/geotag-challenge*

ConU Hacks- Energy Buddy   Jan. 2019
- Analyzed weather data from a data set that involved hourly forecast from the days of 1st October 2012 to 30th November 2017 across 37 cities
- Suggested most suitable renewable technology for a specific city after matching weather conditions ideal for the technology's performance
- Designed front-end using JavaScript, Bootstrap, jQuery, HTML and CSS
- Hosted project on a local server using Flask framework
- *https://devpost.com/software/energy-buddy*

Code Jam- Caption Generator   Nov. 2018
- Utilized the Microsoft Azure Computer Vision API to classify local images
- Developed back-end using Python and JavaScript objects to analyze the results of aforementioned image classification and generate a caption
- Developed front-end using a Fetch API to retrieve the results from the back-end.
- Designed front-end using HTML and CSS for stylistic purposes
- Hosted project on a local server using the Flask framework
- *https://devpost.com/software/caption-creator*

AWARDS

GeoTab · Winner, McHacks - Geotab Challenge

University of Cambridge · Outstanding Learner's Award

Harvard Model United Nations · Head of Sri Lankan Delegation

Sri Lanka Model United Nations · Best Delegate

VOLUNTEERING

Team H.E.A.L   Nugegoda, Sri Lanka
Founder and Project Manager   Aug. 2017 to Dec. 2017
- Created the organization's website as an information source that convinced external donors to fund our projects
- Executed two large-scale projects and acquired funds of close to 2000$ in a span of two months
- Secured a volunteer group of over 70 individuals and managed the entire team
- *https://teamheal.wordpress.com/*