>> whoami

CHAMARA GUNARATHNE

ML ENTHUSIAST
UI DESIGNER

👤 INTRODUCTION

I'm an enthusiastic, self-motivated, fast-paced Computer Engineering undergraduate with a creative insight for the field of **machine learning** and data science. Iâ€™m also passionate about the state of the art technologies related to web developing and **UI/UX** projects. My main interests lie in integrating machine learning frameworks with web applications. I have also been recognized for developing event-specific (targeted) web applications for university events.

☰ SKILLS

Category	Skills
Programming Languages	Java Python C MATLAB Arduino R Assembly Verilog
Web Technology	HTML CSS JavaScript PHP AJAX Flask Node.js JADE
JS libraries	jQuery printJS Chart.js Angular
CSS libraries	Bootstrap Animate.css MDL
Database systems	Mysql SQLite MongoDB
Development Tools	NetBeans IntelliJ IDEA Android Studio Eclipse EE
Distributed version control	git GitHub
Designing tools	Photoshop Adobe illustrator After Effect lightroom
Platforms	Linux, Microsoft Windows
Theoretical knowledge	Operating Systems, Software Architecture, Data Structures & Algorithms, Machine Learning & Data mining, Graph theory, Embedded Systems

📝 EXPERIENCE

COMPUTER ENGINEERING TRAINEE

python tensorflow c# .NET unit testing

I worked with a team where they worked on a product named Wint. It's a financial management system. What they did was maintaining and developing Wint product. I contributed to three main tasks. First , there were some test cases which have been already written but have not passed. I tried to find the reasons for failing and fixed them. The second one was writing a program to extract vat value and a percentage value of a receipt from a image of receipt. The third one was writing test cases for quotation story class.

UX/UI DESIGNER | REMOTE WORKING

HTML css js bootstrap jquery Adobe Photoshop

Earned great experience working with various clients from different countries, on various platforms. I have worked on Web development related projects for tourist sites and company sites for various clients.

>> whois chamara

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>> about education

B.Sc. Eng
Specializing in Computer Engineering
University of Peradeniya, Sri Lanka
2015-Present   GPA 3.1

G.C.E A/L 2014
Kingswood College Kandy
Z-Score 2.3968   Island Rank 176

>> about clubs_and_societies

~ Science Society Organizer 2013
~ IT Society Editor 2013
~ Scout junior member 2003-2009
~ Art Society member 2012-2014

>> about sports

~ Thunder Cricket Club member
~ Baseball player 2007-2010

>> about mentoring

~ Young Inventors Competition 2017
~ ACES Hackothon 2019

Ⓡ RESEARCH

GeNet: A Python based Web Application for Microarray Gene Expression Analysis (Final Year Project)

python Flask HTML css js SQLite R Google Colaboratory

GeNet is designed carefully targeting a wide range of users. Bio informaticians, researchers, computer scientists, statistical analysts, etc can use the application without prior knowledge in other fields. It provides a hassle-free and interactive user experience that makes the analysis process much simpler and enjoyable. GeNet provides many analysis steps including different techniques for pre-processing, visualization, modeling, prediction, and validation of the results with a user-friendly GUI.

https://genetlabs.com/

🔗 PROJECTS

Vuelas   HTML css boostrap jquery js php
This is a travel guide website use in the USA and Caribbean countries.
http://vuelas.com/

Automated and Centralized Electricity Billing System   arduino HTML embedded php
Automate electricity readings and send bill automatically.
https://github.com/Chamara-g/RegionalServer

UNIQuE   HTML css js jquery nodeJS php
Virtual ID generate Platform.
https://github.com/Chamara-g/UNIQuE-1

Patient Handling System for Dental Hospital   java HTML css SQL
Peradeniya dental hospital patient data management system.
https://github.com/Chamara-g/relax-1

🏆 COMPETITIONS

Date	Event	Skills
29th Feb 2020	**Data Storm 1.0 | Final 21** — Competition on Advanced Data Analytics	python pandas Google Colaboratory
7th Dec 2019	**Brainstorm 2019 | Final 10** — Biomedical Engineering Design Competition	python pandas Bio medical
26th Oct 2019	**iHack 5.0 | 2nd Place** — Share ride mobile app	android HTML css
15th Dec 2018	**ACES Coders v7.0 | 16th Place** — Competitive coding contest	python java c
13th Oct 2018	**TADHack 2018 | Final 15** — VirtualID platform	HTML css js jquery nodeJS php
21th Mar 2018	**AiR Hackathon 2018 | Participation**	arduino HTML embedded php

4IR Hackathon 2018 | Participation
Automated electricity meter

</> REFERENCES