VELLUMMYILUM VINOTH

UNDERGRADUATE

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https://github.com/VellummyilumVinoth

https://www.hackerrank.com/Vinothv

https://medium.com/@vellummyilumvinoth1999

PROFILE

Highly motivated Machine Learning Engineer with a strong passion for AI technology and a proven track record of excellence. Possessing robust technical expertise and exceptional interpersonal skills.
I am adept at engaging with diverse clients. Eager to embrace challenges, I am committed to continuous growth and advancement of my IT skills.

TECHNICAL SKILLS

- **Programming Skills**
  - C, Java, Python, JavaScript.
- **Tools and Software**
  - Scikit-Learn, PyTorch, Tensorflow, Numpy.
- **Frameworks & Libraries**
  - React JS, React Native, NODE.js, Express.js, Bootstrap.
- **IDE**
  - VS code, Android Studio, PyCharm, Jupyter Notebook.
- **Database**
  - MySQL
- **Version Control**
  - Git
- **Web Development**
  - HTML, CSS, PHP.
- **Operating Systems**
  - Windows, Linux, Mac OS.
- **Cloud computing platform**
  - MongoDB Atlas, PHPMyAdmin

EDUCATION

B.Sc. (Hons) Information Technology
University of Moratuwa| January 2020 - Present
CGPA: **3.81**

G.C.E Advanced Level – Physical Science
Hartley College, Point Pedro | 2018
[Combined Mathematics– A, Chemistry – A, Physics -B]
Z-Score : **1.7417**

G.C.E Ordinary Level – 7As, 1B, 1C
Hartley College, Point Pedro | 2015

PROJECTS COMPLETED

Complex code generation using GPT models (Final Year Project)
07/2023 - Present

The aim of complex code generation using GPT (Generative Pre-trained Transformer) models is to leverage the language model's ability to generate human-like text to automate the generation of complex computer code

Technologies : NLP, Machine Learning, Deep Learning

Toxic comments classification and rank users by toxic scores (Freelancer Project)
04/2023 - 07/2023

The aim of this project is to design and develop a system that connects service providers and service consumers in the building construction and event management domains.

Technologies : NLP, Machine Learning, LSTM

https://github.com/VellummyilumVinoth/Toxic_Comment_Classification

Sentiment analysis and recommendation system for products (Freelancer Project)
03/2023 - 06/2023

The aim of this project is to do apect based sentiment analysis on products using review and recommend products to new and old user using sentimental scores and recommend users to the new prodcut.

Technologies : NLP, Transformers, Machine learning

https://github.com/VellummyilumVinoth/Aspect_based_sentimental_analysis

Identifier suggestions for Ballerina Language Server(Intern Project)
01/2023 - 07/2023

The aim of this project is to generate accurate and relevant suggestions for identifiers in Ballerina Language and deploy that model in their Ballerina Language Server.

Technologies : Java, Ballerina, Machine Learning, NLP

https://vellummyilumvinoth1999.medium.com/identifier-name-suggestions-for-ballerina-language-server-37229475184e

System connects Service provider and Service consumer (Software Project)
11/2021 - 11/2022

The aim of this project is to design and develop a system that connects service providers and consumers in the building construction and event management domains.

Technologies : ReactJS, React Native, MERN Stack

https://github.com/web-stackers/WebPortal

Instant Noodles Maker (Hardware Project)
03/2020 - 06/2021

The aim of this project is to design and develop a system providing instant noodles in a way convenient to both customers and sellers.

Technologies : C, Atmel Studio, Atmega32

WORK EXPERIENCE

- Trainee Software Engineer Intern in WSO2
- Freelancer (ML Projects)

AWARDS AND ACHIEVEMENTS

- Aurora 2022 - CODIGO (1st round WINNERS)
- Evolution AI Ideathon (2021)
- Google hash code 2022
- Hack Moral 4.0 - Mini Hackathon (University of Moratuwa)
- Homealone 2021 (INTECS - University of Moratuwa)