

# DINUKI FERNANDO

## UNDERGRADUATE



### MY CONTACT

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- DinukiFernando (Dinuki Fernando) · GitHub
- Dinuki Fernando | LinkedIn
- Dinuki fernando - Medium
- Dinuki Fernando - dinukifernando92 | HackerRank
- No. 60, Asiri Uyana, Weerahena West, Marawila

### EDUCATION

Bachelor of Science Honors in Information Technology  
2021 - Present  
Faculty of Science, University of Kelaniya  
Current GPA - 3.9 / 4.0

### TECHNICAL SKILL

- Programming Languages
  - Python
  - Java
  - R
  - C++
- Software Development
  - HTML/CSS/JS
  - PHP
  - React.js
  - SQL
  - Node.js
  - Express.js
- Machine Learning
  - Supervised and Unsupervised Learning
  - Classification, Regression, Clustering
  - Neural Networks
- Tools & Frameworks
  - TensorFlow, PyTorch, scikit-learn, Keras
  - Jupyter Notebooks & Google Colabs
  - VS code and intelliJ
  - Power BI
  - QGIS
  - Postman
  - Git & GitLab

### ABOUT ME

As an undergraduate passionate about software engineering, and data science. I'm eager to apply my skills in an innovative organization. I seek to contribute to cutting-edge software development projects as well as AI and ML initiatives, solving complex problems using data-driven approaches. Committed to delivering high-quality results, I thrive in cross-functional teams and am excited to work on impactful technology solutions.

### WORK EXPERIENCE

#### Freelance Tester

##### Tester Work

2024 - Present

- Conducted comprehensive functional and user acceptance testing for a variety of mobile applications and websites.
- Developed and executed test cases to identify and document software defects.
- Adhered to project timelines and quality standards.

#### Software Engineering Intern

##### Axiata Digital Labs

6 months ( 2023-2024 )

- Collaborated in a team environment to develop designs, integrate APIs, manage permissions, and conduct testing.
- Contributed to the development and refinement of software features.
- Participated in code reviews, debugging, and problem-solving activities.
- Presented progress updates in team meetings and demonstrated adaptability in addressing technical challenges.

### CERTIFICATIONS

#### Web Design For Beginners

Issued by Department of Computer Science & Engineering, Faculty of Engineering, University of Moratuwa · June 2023

#### Python For Beginners

Issued by Department of Computer Science & Engineering, Faculty of Engineering, University of Moratuwa · May 2022

#### HTML, CSS, JS Certifications

Issued by Udemy Online platform · Sep 2021

#### React & React Native Certification

Issued by LinkedIn learning Online platform · Jan 2024

#### Bootstrap Certification

Issued by Udemy Online platform · May 2023

## SOFT SKILLS

- Problem Solving
- Critical Thinking
- Flexible and Adaptable
- Decision making
- Communication
- Multi-tasking
- Team work

## INTERESTS

- Learning Korean Culture
- Learning IT and Technology
- Video Editing

## LANGUAGES

- Sinhala
- English

## REFERENCES

Dr. T. K. Wijayasiriwardhane  
Senior Lecturer  
Department of Industrial  
Management  
Faculty of Science  
University of Kelaniya  
Phone - 011 291 4482  
Email - thareen@kln.ac.lk

Mr. P. P. G. Dinesh Asanka  
Senior Lecturer  
Department of Industrial  
Management  
Faculty of Science  
University of Kelaniya  
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Master Microsoft Power BI  
Issued by Alison · Jul 2024

PHP Development Course  
Issued by Great Learning Online platform · Oct 2022

Introduction to Tensorflow and Keras  
Issued by Great Learning Online platform · Aug 2024

Introduction to PyTorch  
Issued by Simplilearn Online platform · Aug 2024

Machine Learning with ScikitLearn | Python for Data Visualization  
Issued by Linkedin learning Online platform · Aug 2024

## ACHIVEMENTS

Inter University Women's Hackathon (Top 5)  
Issued by IEEE WIE Student Branch Affinity Group  
Sabaragamuwa University of Sri Lanka (Parallel to ICARC 2023)  
Selected among the Top 5 groups  
Group name: AI Bells

Dean’s List honors - University of Kelaniya  
Best performance in academic year 2019/20  
Best performance in academic year 2020/21

## PROJECTS

Nursing Home Management System	HTML, JS, CSS, React.js, Express.js, MySQL
Student Management System	HTML, JS, CSS, React.js, Node.js
The Cocktail website	HTML, CSS, JS, React.js
Tuition Management System - Group project	Java, MySQL
Bus Reservation System - Group project	Java, MySQL
Loan Default Prediction Using Neural Networks	Pandas, Numpy, Seaborn, Matplotlib, Sklearn
Bangalore House Prediction Using Neural Networks	Sklearn
Outlier Detection in Data Warehouses using LOF, One-SVM, iForest, and Autoencoders	Pyodbc, Pandas, Sklearn, Keras, Shap, Matplotlib, Seaborn
Facial Emotion Recognition Models using CNN, VGG16 and ResNet50	Random, Numpy, Pandas, Pytorch, Matplotlib, Sklearn, PIL
Face Recognition Model & Object Recognition Model	Cv2, Numpy, Imutils
Predicting Credit Card Default Customers Using Neural Networks	Tensorflow, Sklearn