Dheeraj Alimchandani

Bishopstown, Co. Cork

✉ dheeraj.alim@gmail.com   📱 +353 89 485 1218

in LinkedIn   🔗 GitHub

Summary

- Artificial Intelligence and Machine Learning Enthusiast currently pursuing Masters in Artificial Intelligence.
- Graduate Visa entitled to work in Republic of Ireland
- With over 4 years of extensive experience working with clients and implementing standard solutions.
- Worked as Software Engineer with background in Product based and Service based Information Technology Industry.
- Skilled in Python, Machine Learning, Supervised and Unsupervised Learning, MySQL, Agile, Automation.

Experience

Software Development Engineer   Jul 2017 - Jul 2019
Verifone   2 years 1 month

- Key Technologies: Python, SQLite, API Programming, HTML, CSS, Appium, Jenkins, Git
- Libraries: Numpy, Pandas, Matplotlib, Keras, SciKit-Learn, Tensorflow, Selenium WebDriver
- Worked on the Payment application for Westpac (Australian bank and financial-services provide), understanding the end to end payment process over the POS (Point of Sale) devices and creating the solution for the POS using ISO 8583 standards, Python, HTML, SQLite
- Created prediction model to analyze users monthly credit card usage using Machine Learning Regression Models.
- Created Python scripts to Automate the end to end card purchase scenario over POS machine using Selenium and Appium.
- Responsible for implementing the end to end solution using Agile Framework and Testing methodologies
- Outperformed in several sprints by completing the user stories with good code practices.
- Compiled software lifecycle management in Jira tool

Software Analyst   Sep 2015 - Jul 2017
Hewlett Packard Enterprise   1 year 11 months

- Key Technologies: Python , Microsoft Dynamics CRM, MySQL, Postman API, HTML, JavaScript
- Worked on Visa Application Software Development for the Client VFS global using Python in backend and HTML for the fronted design
- Created Online tracking application which tracked the User Visa Application in real time using API calls and Python
- Involved in developing the integration between the offline and online applications
- Management of Software Lifecycle in HP ALM Tool.

PHP Intern   May 2014 - Jul 2014
GirnarSoft   3 months

Key Technologies: PHP, Laravel, HTML, CSS, JavaScript, MySQL

Created dynamic PHP website, which aimed at solving the online shopping grocery experience.

Technical Skills

Artificial Intelligence, Machine Learning, Deep Learning, Big Data Processing

- **Programming:** Python, Ruby (Beginner), PHP, HTML, CSS, Shell Scripting (Beginner), RPA
- **Frameworks & Libraries:** NumPy, Pandas, Matplotlib, Keras, SciKit-Learn, Tensorflow, Selenium, PyAutoGUI
- **Tools:** Pycharm, Git, Jenkins, Jira, HP ALM, Jama, Postman API , UIPath
- **Database:** MySQL, SQLite
- **Other:** Payment Domain Knowledge, POS Architecture, ISO 8583

Education

Cork Institute of Technology   **2019 - 2020**

Master's degree, Artificial Intelligence (Pursuing)

Core Modules:

Deep Learning	Practical Machine Learning
Knowledge Representation	Decision Analytics
Big Data Processing	Recommender Systems
Metaheuristic Optimization	Software Process Engineering

Sir Padampat Singhania University   **2011 - 2015**

Bachelor of Technology - BTech, Computer Science Engineering

Secured 82% (First Class Honours)

Project Highlights

- Building the machine learning KNN Model from scratch over classification and regression dataset
- Created naive Bayes classifier from scratch to predict the positive and negative movie reviews with 86 % accuracy
- Designed Genetic Algorithm to find the optimal paths for a Travelling Salesman Problem (NP-Hard Problem)
- AI Based Single Agent game to understand the game environment and act accordingly
- Used PySpark library to work on Cork based Coca Cola bicycle dataset collected over 9 months.
- Used Pytesseract to build OCR engine desktop application to extract text from the image
- Contributed to Pytesseract and HTMLRunner open source libraries to work with Python 3

Certifications

- Introduction to Python • **DataCamp**   Jun 2019 - Present
- Intermediate Python for Data Science • **DataCamp**   Jul 2019 - Present
- Natural Language Processing Fundamentals in Python • **DataCamp**   Aug 2019 - Present
- Microsoft Technology Associate - HTML5 • **Microsoft**   Apr 2014 - Present
- RPA Developer Foundation Diploma • **UiPath**   Jun 2018 - Present
- Orchestrator 2018.2 • **UiPath**   Jun 2018 - Present

Extracurricular

- Participated and Won the Global Video making contest for Verifone
- Volunteered with Hewlett Packard for Beach Cleaning Social Activity in Udupi, India (2017)
- Worked as a volunteer in Comic Con India (2016)
- Secured first position in coding contest Code – Bonanza organized at SPSU, Udaipur (2013)
- Secured 6th rank in state (Rajasthan) in National Cyber Olympiad

References

- Available on request