Devsen Datha Mukkamala

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SUMMARY

Results-oriented computer science master's student with a demonstrated track record of success. Actively pursuing internship opportunities in software engineering and data science to apply my expertise and contribute to meaningful projects.

EXPERIENCE

Vistex   **September 2023 – December 2023**
Data Science Intern (Python, Tableau, Excel, Statistical Modeling)
- Utilized Python for in-depth data analysis and generated informative data visualizations using Python.
- Applied Causal impact analysis to monitor pre and Post Intervention in sales data.
- Thorough analysis of dataset using time series analysis to predict sales.

Illinois science and Technology Coalition   **June 2023 – August 2023**
Data Science Intern (Python, Tableau, Excel)
- Developed a new data analytics tool for the company.
- Gathered variables from various public sources to create large datasets.
- Employed Tableau for visual reports and created index insight reports for the fiscal year.

Vuedata Technologies
Software Engineer (Android Studio, Java, Kotlin, Tableau, postman, Jira)   **September 2020 – August 2021**
- Developed a Cross-Platform Fitness Application for Android and iOS, incorporating Firebase for additional functionalities.
- Collaborated on UI/UX implementation and app architecture.
- Used Git for version control, followed agile methodologies with Jira, and employed Postman for API testing.
- Created impactful Tableau dashboards, enhancing marketing strategies and achieving a 20% increase in conversion rate.

Software Engineer – Intern (Android Studio, Java).   **June 2020 – August 2020**
- Assisted senior developers with resolving critical bugs and UI issues.
- Learned and practiced effective ways of developing android applications from Senior Developers

TECHNICAL SKILLS

Programming languages:	Python, R, Java, Kotlin, JavaScript
Framework / Tools:	Flask, MATLAB, Android Studio, Tableau, Postman, PowerBI, SPSS
Databases:	MySQL, Firebase, MongoDB
ML Concepts:	Classification, Regression, Clustering, Dimensionality Reduction, Statistical Analysis, Preprocessing Model Evaluation and Deployment, Data Visualization, Data Cleaning, LLM Computer Vision
ML Libraries:	NumPy, Pandas, Scikit-learn, OpenCV, Matplotlib, Keras, TensorFlow, Generative AI
Soft Skills:	Communication, Team Management
Certifications:	Complete Machine Learning and Data Science Bootcamp, Machine learning Foundations: A case Study Approach, AI Programming with python Nanodegree

PROJECTS

AI Guardian   **Current**
- Currently Developing an LLM Model to Detect AI Generated text and Images.

Predictive Modeling of Breast Cancer using Machine Learning   **November 2023**
- Built Multiple Models like DTC, Random Forest, SVM and GBC with GBC Having highest Accuracy score of 0.913.

Data science salary prediction   **June 2023**
- Built a decision tree model and a random forest model to predict salaries and both models achieved an accuracy of approximately 99.89% on the training data.

Author identification using stylometry and NLTK   **November 2021**
- Achieved 92% accuracy after trying out numerous models: SVM, Logistic Regression, Multinomial Naïve Bayes

EDUCATION

Master of Science (MS) – Computer Science, **DePaul University**   **Expected June 2024**
DePaul Data Science Group **|** Computer Science Organization
Relevant Coursework: *Applied Algorithms and data structures, Advanced Machine Learning, Big Data, Data Visualization, Data Analysis and Regression, Programming Machine Learning Applications.*

Bachelor of Technology (BS) - Computer science and engineering, **Hindustan University**   **June 2020**
Google Cloud Facilitator **|** Hindustan Entrepreneurship & innovation center Member **|** kruptos Security Club
Relevant Coursework: *Design and analysis of algorithms, data structures, data warehousing and data mining, software testing cloud computing, web development, machine learning, mobile app dev.*

LEADERSHIP & ACHIEVEMENTS

- Awarded AWS Scholarship for Python programming for AI Nanodegree at Udacity
- Award in '**Excellent efficient project design**' category for electricity generation from vibrations project.
- Conducted workshops on Google Cloud and machine learning as part of the Google Developer student club core Team.