501 W Hoosier Court Avenue
Bloomington IN-47404
(812)-349-8572
panwekar@iu.edu

PRERIT ANWEKAR

http://www.preritanwekar.com
http://www.kaggle.com/prerit912
http://www.github.com/prerit912
http://www.leetcode.com/prerit

EDUCATION

Bloomington, IN, USA **Indiana University** **May 2017**

- **Master of Science in Data Science (Computer Science**). GPA: 3.71.
- Graduate Coursework: Data Mining, Machine Learning, Introduction to Statistics, Geographic Information Systems, Exploratory Data Analysis, Analysis and Design of Algorithms, Advanced Database Concepts, Elements of Artificial Intelligence, Search.

Indore, MP, INDIA **S.V.I.T.S** **May 2012**

- **Bachelor in Engineering in Information Technology**. GPA: 3.50.
- Undergraduate Coursework: Analysis and Design of Algorithms, Data Structures, Artificial Intelligence, UNIX, Operating System, Object Oriented Design and Programming.

EMPLOYMENT

Software Engineer **Impetus Info-tech (India)** **July 2012 - May 2015**

Java Developer

- Awarded rating of 4.5/5.0 for outstanding performance for Enterprise Application Integration project in an Agile/SCRUM based development cycle.
- Achieved outstanding results of high code coverage and 100% code compliances for web application on stock portfolio management system using Object Oriented Design Pattern and Spring 3, resulting in promotion.
- Created dashboards and reports for analysis of financial health to assist clients in creating risk management solutions.
- Worked as Quality Engineer, Java Developer and DevOps Engineer in a course of three years. And have worn almost all the hats in a software development life cycle.

ACADEMIC PROJECTS

- **Design and Implementation of Machine Learning Classifiers** (August 2016 - December 2016) Linear Regression with regularization, Logistic Regression, Neural Networks, Naïve Bayes, Decision Trees. Python
- **Analyzed Road Accidents in U.S.** (November 2016). Analysis of road accidents in 2015, main focus was on accidents caused while the driver was drunk. Cloudy weather, drinking and driving has caused significant accidents in California and Texas. ArcGIS
- **Predicting Red Hat Business Value** (August 2016). Challenge to create a classification algorithm that accurately identifies which customers have the most potential business value for Red Hat. **(Top 9%, Kaggle)** Python
- **Expedia Hotel Recommendation** (June 2016). Challenge to contextualize customer data and predict the likelihood a user will stay at 100 different hotel groups. This challenge is an example of how machine learning algorithms can fail to provide better results. **(Top 10%, Kaggle)** Python

ACHIEVEMENTS

- **Kaggle Expert**: Amongst the top 3% Data Scientist on Kaggle.
- **Topper** in Machine Learning course at Indiana University.
- **Ranked 6482/10,198** on Leetcode.

TECHNICAL SKILLS

- **Machine Learning and Data Mining Techniques:** Classification (Decision Trees, Logistic Regression, GLM, Naïve Bayes, Neural Networks, SVM, AdaBoost), Linear Regression (Ridge and Lasso), Cost Optimization, Regularization.
- **Mathematics:** Linear Algebra (MOOC, MIT), Optimization I (MOOC, Stanford), Statistics.
- **Software and Programming Languages:** Python (scikit-learn, pandas, numpy, matplotlib), IPython Notebook, Java, R, Tableau, ArcGIS, SQL, GIT, LaTeX, Apache Spark, JAX-RS, Velocity Templating Language, HTML 5, CSS3, Amazon EC2, Spring 3, Hibernate 3.
- **Databases:** Oracle 10g, MySQL, Postgres.