John Willson

A Software Engineer having an In-depth understanding of web technologies . With a love towards Data and mathematical concept, searching for a place to prove myself in Data Science. Good understanding of Supervised and Unsupervised Machine Learning models and also ensemble techniques. Exposure to Exploratory Data Analysis (EDA), Statistical analysis and Statistical testing (Hypothesis testing).

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WORK EXPERIENCE

Software Engineer
Agilysys

03/2018 – Present

Achievements/Tasks

- LMS UI - We have converted the actual Mainframe application into power web UI. Worked on integrating Payment Devices, User can Generate multiple report seemlessly

- Rguest Express - This is an Kiosk application. Integrated a verification check where User either has to provide Passport or Driving License to proceed further. After verification User can select room, upgrade room, Payment, collect Keycard for check-in. Integrated 4 devices and 110 kiosks are in live using by 8 clients.

- IG Mobile - This is an Mobile Application. User can use this application to order the food with either by cash or using casino points. They can see the cooking time and will be notified once it is ready. They can either choose to have the food in hotel or take away. User can choose their seat. On Admin side the server will be notified about the order , Payment and Seat arrangement.

Software Engineer
TCS

10/2015 – 02/2018

Achievements/Tasks

- Product Communication Analysis Tool - This is an analysis tool which helps in tracking the input about the customer need, strategies, market input, competitor information, the project and included products is gathered and explored which then leads to defining communication needs and how to convey them to the customer.

- ShopNet - This is an E-commerce site. The main feature of this website are Tracking Shopping Activity, Tracking Customer Wishlist and Recently viewed Items for both LoggedIn and Guest user, QuickLinks, Dynamically updating offers in the Home Page.

EDUCATION

B.E(Computer Science & Engineering)
Vel Tech Multi Tech Engg. College

2011 – 2015

SKILLS

Data structure   Algorithm   Html & Css

Javascript   Angular   Python   Matplotlib

Sci-learn   Docker   Recommendation Engine

Time series Forecasting   Regression Analysis

ACCLOADES

• Have received 3 times appreciation from CEO & Managing director of Agilysys for 3 different products

• Have received 2 rewards for short period delivery and excellent response for the products of Kiosk and IG mobile(mobile application)

• TCS Gems[star performer of the year 2017]

PERSONAL PROJECTS

Housing Price Prediction ⬈
- Inference from the different model suggests that Blended model provides better predictions. To understand the factors on which the pricing of housing depends from the given 79 features and predicting the price for final dataset.
- Written a kernel about detailed analysis of using different algorithm and stacking it and detailed statistical analysis

Credit Risk Evaluation
- Effective risk management on the borrowers overall ability to repay a loan. Developed a models to best assess the profitability and reduce risks using customer data. Recommend different strategies and design for model pipeline.

Kernel Expert at Kaggle ⬈

CERTIFICATION

• Introduction to Data Science in Python from University of Mitchigen, Coursera

• Applied Machine Learning in Python from University of Mitchigen, Coursera

• Neural Networks and Deep Learning from Deeplearning.ai, Coursera

INTERESTS

Competitive Programming   Travel   Food