

# Meghana Harishankara

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## PROFESSIONAL EXPERIENCE

### Oracle America Inc.

July 2018 — Present

#### Member of Technical Staff

Redwood Shores, CA

- Designed and implemented software applications that enables ultra high scale, near real-time data for monitoring the performance, scalability & reliability of Oracle Cloud products.
- Improved existing software applications that enable data collection from various data sources across Oracle.
- Optimized and solved various performance bottlenecks encountered in the software applications as the scale and quantity of data increased.
- Built enhancements within existing applications and integrated around **15** features into a dashboard application in less than **4** months.
- Primary point of contact for the dashboard application, which is used across all organizations in Oracle to monitor various performance metrics.

### Carnegie Mellon University

August 2017 — May 2018

#### Graduate Teaching Assistant

Pittsburgh, PA

- Was a Graduate Teaching Assistant for the course - Database Management (95-703).
- Assisted the professor in creating course content and assignments for the course.
- Graded homework and exams.
- Conducted review sessions to review the course content & discuss assignments.
- Held office hours to answer questions as necessary for students.

### Oracle India Pvt Ltd

June 2014 — April 2017

#### Applications Engineer 2

Bengaluru, India

- Implemented over 12 UX features in less than 3 months which are integrated into 'Oracle CX Cloud Mobile' Application.
- Lead the UX development team to extend the above features to tablet application of 'Oracle CX Cloud Mobile'.
- Collaborated with teams across geographies to integrate UX features into mobile and tablet applications, completing the project in 1 year.
- Automated 50 test cases for different products of Oracle PeopleSoft, reducing the manual testing hours from 24 hours to just 30 minutes.
- Optimized 700 test cases and automation scripts to run on 4 platforms, increasing the efficiency of pass rates from 62% to 95%.
- Gained good knowledge in technical and functional skills in the following areas: Automation development, Product ownership, Global Payroll, Human Resource Work Force, JPM, eCompensation, Enterprise Learning Management ownership.

### Indian Institute of Science

May 2012 — September 2012

#### Summer Intern

Bengaluru, India

- Contributed to the development of a free on-screen keyboard application - 'MILE Indic Keyboards' that enabled users to create and save notes in different Indic languages such as - Devanagiri, Kannada, Tamil, Telugu, Malayalam.
- Rated as 4.3/5.0 with over 10,000 downloads on Google Play Store.

## EDUCATION

### Carnegie Mellon University, Pittsburgh, PA

**GPA – 3.75**

Master of Information Systems Management (MISM)

May 2018

### R V College of Engineering, Bengaluru, India

**GPA – 3.97**

Bachelor of Engineering, Computer Science and Engineering

May 2014

## SKILLS

Languages: Java, C, Python, HTML, CSS, JavaScript, SQL & PL/SQL

Tools: Oracle Apex Development, Oracle 11G Express, Oracle Mobile Application Framework (MAF), Eclipse, NetBeans, IntelliJ, Github

Certifications:

- DeepLearning.ai: Neural Networks and Deep Learning (Grade – 99.3%)
- Oracle: Application Development Framework (ADF)

Publication: "Analysis of Optimized Association Rule Mining Algorithm using Genetic Algorithm", presented at International Conference on Information and Computer Technology (ICICT), ISBN: 978-81-926416-1-4.

## LEADERSHIP EXPERIENCE

### Core Committee Member

August 2018 - Present

#### Oracle Women Leadership - OWLTech HQ

Redwood Shores, CA

- Conducting a hands-on technical workshop on best practices of Data Science using a Machine Learning Algorithm in January, 2020 at Oracle HQ.
- Represented Oracle at one of the most largest technical conference for women in the world - Grace Hopper Conference, 2019.
- Recipient of Outstanding Volunteer for the year 2018.

- Worked together with other volunteers to host monthly Lunch and Learn events at Oracle HQ.
- Collaborated with Girl Geek X chapter to host Oracle Girl Geek X Dinner in Dec 2018 at HQ.

## Google India

September 2012 — May 2013

### Google Student Ambassador (GSA)

Bengaluru, India

- Organized technical talks and events such as – Android Workshops, Google Map Maker competition and promoted Google products in undergraduate college.
- Collaborated with other GSAs across Bengaluru to organize technical events in association with the Google Developers Group (GDG) chapters of Bengaluru.
- Organized city-level events in Bengaluru – GDG DevFest 2012, coding workshops as an active member of a GDG chapter, Google Technology Users Group (GTUG).

## ACADEMIC PROJECTS

### Converting Mobile Health Users into Paying Customers

Jan 2018 — May 2018

Carnegie Mellon University

Pittsburgh, PA

- Identified factors that helped in converting mobile health platform users into paying customers of a fitness company called Under Armour.
- Examined the relationship between purchase propensity of Under Armour gears and fitness application engagement through various user workout data.
- Performed exploratory analysis and build machine learning models (Regression, Clustering) using the millions of rows of user data.
- Recommended various customer engagement methods to convert health application users to paying customers.

### Predicting Loan Status using Machine Learning Algorithms

Jan 2018 — April 2018

Carnegie Mellon University

Pittsburgh, PA

- Predicted the loan status of customers of LendingClub.com, through the period 2007-2015, obtained from Kaggle.
- Used a data-driven approach that captures the knowledge of a customer loan through rich features provided in the dataset, and applied Decision Trees to predict the loan status of the borrower.
- The model predicted loan status with an accuracy of 95.94%.

### Implementation of Machine Learning Algorithms in Classification of Online Courses

Jan 2014 — April 2014

R V College of Engineering

Bengaluru, India

- Designed an interactive offline interface, where the user obtained a list of all online courses available according to his/her area of interest.
- Crawled over 30,000 URLs and classified **10,000** valid online courses, trained dataset using Naive Bayes, K-Nearest Neighbors, Random Forest, Logistic Regression and Decision Trees algorithms for classification.
- Implemented Random Forest algorithm, which outperformed other algorithms with an accuracy of **92.7%**, to train and test the dataset.

## ACTIVITIES

- Core Committee Member, OWLTech HQ, Redwood Shores, CA. August 2018 — Present
- Student Coach, Oracle Education Foundation, Redwood Shores, CA October 2018
- Event Organizer, Tech-Club, R V College of Engineering, Bengaluru, India. Sept 2012 — May 2014