

DIVAKAR HEBBAR

Los Angeles, CA

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Education

UCLA Anderson School of Management

Los Angeles, CA

Master of Science in Business Analytics (MSBA), GPA: 3.81/4

Expected Dec 2019

Courses include: Optimization, Prescriptive Models, Machine Learning, Data Management & ETL, Customer Analytics.

Sri Jayachamarajendra College of Engineering

Mysore, India

Bachelor of Engineering in Electronics and Communication, GPA: 9.21/10

Jun 2013

Technical Skills

Languages: Python, C, SQL, R.

Tools: Microsoft Excel, Microsoft PowerPoint, Tableau, Jupyter Notebook, Conda, Git, RStudio, Docker, D3.js, Looker, Gurobi, Jira.

Packages: Scikit-learn, NumPy, Pandas, Matplotlib, Gurobi, TensorFlow, Keras, SQLAlchemy, Statsmodels, H2O.ai, XGBoost.

Specialties: Regression, Classification, Optimization, Machine Learning, Data Visualization, GLM, Clustering, Deep Learning, Statistical Inference, Time Series Analysis, Web scraping, Segmentation, A/B Testing, Cloud Deployment, UML.

Databases/warehouses: Snowflake, Microsoft SQL Server, MySQL, PostgreSQL, MariaDB, DynamoDB, Alooma.

Cloud platforms: (1) AWS: SageMaker, S3, Lambda, API Gateway, Kinesis, CloudWatch. (2) MS Azure: ML Studio. (3) Heroku.

Development lifecycle: Agile (Scrum).

Professional Experience

Grid Dynamics, Inc. (A consulting firm focused on Tech, Retail, and Finance).

Plano, TX

Data Scientist Intern

June 2019-Present

- Building risk scoring models for financial transactions and insurance applications using machine learning and deep learning.
 - Deploying model on cloud, creating inference pipeline and APIs for stream processing and real-time predictions.
 - Working closely with front-end and back-end teams to build an off-the-shelf product. Working within Agile framework.
- Technologies used: Python (XGBoost, LightGBM, Keras, H2O.ai), AWS(SageMaker, S3, Lambda, Kinesis, API Gateway), RESTful APIs, MongoDB, UML, Jira, Git.

Systech Solutions, Inc. (Technology, Data and Analytics consulting firm).

Los Angeles, CA

Data Science and Analytics Intern

Mar 2019-June 2019

- Involved in ML modeling and end-to-end cloud deployment of models (AWS) for pitching the ideas to new clients.
- Implemented and deployed recommender system on AWS SageMaker and built a front-end application using Flask and RESTful APIs to give a full-fledged demo to the client.

City of Los Angeles

Los Angeles, CA

Data Science Volunteer

Nov 2018-August 2019

- Drew actionable insights on the impact of supportive services offered by The Housing Authority of the City of LA using descriptive analytics, machine learning, geospatial analysis, and A/B testing.
- Presented the findings and actionable items to the Director of Operations of the City of Los Angeles.

Robert Bosch Engineering and Business Solutions

Bangalore, India

Senior Engineer

2016 - 2017

- Developed Python libraries to automate vehicle diagnostics which reduced the human efforts significantly.
- Worked on requirement gathering & analysis, software design & implementation, Functional testing, and integration.

Aptiv (Formerly Delphi Automotive)

Bangalore, India

Software Engineer

2013 - 2016

- Developed software for Birds' Eye View (BEV) which provides 360-degree view of a car. Languages used: C, Python.
- Helped my organization win a multi-million dollar project from an Indian car manufacturer by successfully integrating the BEV product into their SUV car and giving a demo to the higher level executives.
- Led software development for five vehicle platforms and three car manufacturers. Coordinated with Chinese counterparts for timely release of software for customers. Hold weekly meetings with all stakeholders to keep track of the projects.

Analytics Projects and Competitions

BCG GAMMA Data Case competition

- Provided data-driven recommendations at BCG's LA office to address the challenges that a retail client is facing and to return the firm to a profitable growth. Won 2nd prize among 13 teams from UCLA, USC, and other universities.

Accenture/City of LA Datathon

- Analyzed payroll data of City of LA using Python and built a predictive model for 2018 payroll based on historical data.
- Designed an interactive Tableau dashboard to provide recommendations for increasing operational efficiency.