Gautham Thirunavakkarasu

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ABOUT ME

Professional Interests	Data science, machine learning research, deep learning, statistics and data visualization.
Technical Skills	Python (TensorFlow, scikit-learn, pandas, numpy, etc.), RStudio, Jupyter Notebook, MATLAB, git and others. Experienced in data visualization libraries such as ggplot2, pyplot, seaborn and others. Engineering modelling and simulations in CATIA V5, ANSYS, IcePak and others. Familiar with AWS, Talend and Salesforce. Experienced in Agile, Functional data analysis and Process design and development.

PROFESSIONAL EXPERIENCE

PUBLICIS SAPIENT, Global Project Delivery   San Francisco, CA (Jan 2020 – Present)
Associate Technology

- ❖ Develop data-driven insights to identify process design improvements; collaborate with stakeholders to operationalize opportunities and develop strategies for scaling development.
- ❖ Wrangle data from multiple sources (open data orgs and legacy government data systems using Python and R to develop KPI's and use cases which leveraged to setup Data Governance and data cleansing process utilizing ETL tools such as Talend.
- ❖ Designing user-centered processes and product features focused ease of use through technical research and in-depth data analysis.
- ❖ Successfully lead team of 4 directs and managed numerous time critical project deliveries on time.

ASTA CRS Inc, Technical Consultant   San Francisco, CA (Jan 2019 – Jan2020)

- ❖ Served as the Functional Lead with the responsibility of business process ownership for solution implementation and collaborating multi-competency teams of data engineers, developers, solution architects and business analysts.
- ❖ A focus on educating project stakeholders and legacy system SME's into Agile methodology and bringing about Digital Busines Transformation for a government office.

EMNSPC LAB, Graduate Research Assistant,   Arlington, TX (Jun 2016 – Nov 2018)

Amazon, Product Analyst   Bangalore, IN (Dec 2015- May 2016)

EDUCATION

Master of Science, Mechanical Engineering   Arlington, TX (May 2018)
University of Texas at Arlington
Bachelor of Science, Mechanical Engineering   Bangalore, IN (July 2015)
Visvesvaraya Technological University

PERSONAL ACCOMPLISHMENTS & PROJECTS

❖ "Attribute Recognition in Residential Properties for Valuation assessment" –Built a CNN feature extraction model based on building plans submitted to the county Assessor Office.	San Francisco, CA (June 2020)
❖ "Sales Insight on residential and commercial property" – Built a valuation assessment model leveraging predictive analysis and presented solution to the Deputy Assessor of San Mateo County.	San Francisco, CA (Apr 2020)
❖ Certified ScrumMaster (CSM), Scrum Alliance	Mountain View, CA (Jan2020)
❖ "Outstanding Teamwork & Publics Service Award" – Global Project Delivery Team, Assessor Property Assessment System Team <add github link>	San Francisco, CA (Dec 2019)
❖ G.Thirunavakkarasu and et all, "*Air flow pattern and path flow simulation of airborne particulate contaminants in Cold aisle containment high-density data center using air-side economization*"; Paper No: IPACK2018-8436, V001T02A011; <add link >	San Francisco, CA (Aug 2018)