

# Gautham Arasu

thi.gautham@outlook.com | (469) 432-5281 | linkedin.com/in/th-gautham\_| th-gautham.github.io

---

## ABOUT ME

Professional Interests	Data science, machine learning research, deep learning, statistics and data visualization.
Technical Skills	Python (TensorFlow, Scikit-Learn, Pandas, Numpy, Scipy 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

<b>PUBLICIS SAPIENT</b> , Associate Technology	San Francisco, CA (Jan 2020 – Present)
- Develop data-driven insights to identify process design improvements; collaborate with stakeholders to scale development and develop predictive models to inform business decisions to senior management.	
- Wrangle data from multiple sources (open gov data orgs and systems) using Python and R to manipulate large datasets for insights and leveraged ETL tool such as Talend to setup data governance and data cleansing process	
- Built a new approach to commercial valuation, where assessment increased from 9.1% to as high as 14.7% in June 2020.	
<b>ASTA CRS</b> , Consultant	San Francisco, CA (Jan 2019 – Jan 2020)
- Served as Functional Lead to project delivery team with the responsibility of business process ownership for solution implementation and collaboration multi-competency teams of data engineers, solution architects and business analysts.	
- Educating project stakeholders and Public Sector SME's into Agile methodology	
<b>EMNSPC Lab</b> , Graduate Research Assistant	Arlington, TX (Jun 2016-Nov 2018)
<b>Amazon</b> , Product Analyst	Bangalore, IN (Dec 2015-May2016)

---

## EDUCATION

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

---

## PERSONAL ACCOMPLISHMENTS & PROJECTS

-“Object detection in building plans for Valuation assessment” – Implemented a CNN segmentation POC on building plans to the Deputy Assessor Office as part of Public Sector DBT Implementation.	San Francisco, CA (June 2020)
-“Sales Insight on residential and commercial property” – Built a valuation assessment model leveraging predictive analysis and presented solution to Public sector clients.	San Francisco (Apr 2020)
-“Certified ScrumMaster (CSM)”, Scrum Alliance.	Mountain View, CA (Jan 2020)
-“Outstanding Teamwork & Publics Service Award” – Global Project Delivery Team, Assessor Property Assessment System Team.	San Francisco, CA (Dec 2019)
-Thirunavakkarasu.G 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”; DOI: 10.1115/IPACK2018-8436;	San Francisco, CA (Aug 2018)