

# Pujeethaa (Jakka) Maheshwaran

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## SUMMARY

5+ years in data sciences & engineering  
Experience in machine learning  
Strong visualization & presentation skills

Proficient in statistical data modelling  
Good at mining insights from large datasets  
Quick learner & self-motivated team player

## EDUCATION

**University of Illinois**, Urbana-Champaign, IL  
Master of Science, School of Information sciences

**GPA 4.0/4.0**

**SASTRA University**, Thanjavur, India  
Bachelor of Technology, Bioinformatics Engineering

**GPA 3.8/4.0**

## EXPERIENCE

### **Data Scientist – Pattern Computer Inc.**

Oct 2019 – Present

- Led cross-functional efforts to carry out end-to-end data science projects – data retrieval, prep and engineering, data modelling using machine learning & statistics, visualization of insights to customers.
- Spearheaded and built casual framework using CasualNex to identify relationships in customer data.
- Helped to build disruptive data viz tool using virtual reality to visualize high dimensional data.
- Establish the data onboarding guidelines and built a gatekeeper validation tool using statistical methods.  
**#Casual Inference #Statistics #Machine Learning #Virtual Reality #Python #SQL #Tableau**

### **Data Visualization and Communication Intern – Bayer**

May 2019 – Aug 2019

- One-stop dashboard to track operational touchpoints - material progressing planting to processing cycle.
- Collaborated with multiple stakeholders across business units to gather functional requirements.
- Queried large databases using SQL to extract and transform the data. **#Spotfire #SQL #Jira**
- The dashboard saved 360 hours/year enabling forecasting, early issue detection and dynamic reporting.

### **Senior Consultant – Business Intelligence Group [University of Illinois]**

Jan 2019 – Dec 2019

- Ideating insurance sales propositions for the innovation management segment of a consulting firm
- Provided knowledge management service to a consulting org & helped them manage their intellectual assets by providing technological solutions.

### **Lead - Data Insights - Wipro Technologies [Industry: Investments & Banking]**

Oct 2010 – Oct 2013

- My team's insights helped to launch 3 marketing campaigns to accelerate investment portfolio growth.
- Built an interactive dashboard for key decision making by senior executives and reduced time required to make data-driven decisions. **#Tableau #PivotTable #SQLServer**

### **Central Leather Research Institute – Research Analyst – Intern**

Aug 2009 – April 2010

- Modelled and analyzed the interactions between the MMR proteins failing in repairing a mismatch occurring during replication which might cause Cancer using MATLAB.
- Identify the interacting residues which are potential targets for drug designing using PYMOL.

## ACADEMIC

Statistics, Applied Business Research, Business Data Modelling and Predictive Analytics, Data Mining, Data Visualization, Machine Learning, Data warehousing & Business intelligence, Data Science Story Telling, Database Design & Prototyping, Socio-Technical Info systems, Information Consulting.

## PROJECTS

Analyzing cancer trends using Tableau  
Analyzing and visualizing the shoes of men and women using Python  
Analysis of air pollution levels and its contributing factors using Machine Learning models

## CERTIFICATES

Machine Learning - Coursera, Stanford University - License MUJ8UJ2Z2QGN  
Data Visualization & Communication with Tableau - Coursera, Duke University  
Managing big data with MySQL - Coursera, Duke University  
Product Management: Building a Product Strategy – LinkedIn

## HONORS

“Prodigy Award” – Wipro Technologies, Chennai, India  
“Topper in Mathematics” – SASTRA University & Bhaktavatsalam Vidyashram High School, India  
“Best Paper Award” - “Application of Data Mining” – PRATYARTH 2009, SASTRA University –India.  
“Bronze Medal” - “International Award for young people”