

HARI HARA SUDAAN KRISHNEN

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SUMMARY

Graduate student with 2 years of experience in developing analytical dashboards, microservice-based web applications. Ability to deliver insights via data analytics and advanced data driven methods. Actively developing skillset in creating cutting edge predictive modeling, NLP and deep learning solutions.

EDUCATION

- Master of Science in **Information Systems** New Jersey Institute of Technology, Newark, NJ
Expected Graduation Date: Dec 2020 | GPA: 3.94
- Bachelor of Engineering in **Computer Science & Engineering** PSG College of Technology, India
May 2017 | GPA: 3.5

TECHNICAL SKILLS

- Programming Languages** : Python, R, PL/SQL, Java, PHP, JavaScript
- Analytical Tools** : Tableau, SAS, Rapid Miner, Google Analytics, Excel
- Data Platforms** : PostgreSQL, MySQL, MongoDB
- AI/Machine Learning** : scikit-learn, TensorFlow, fast.ai, NumPy, pandas, matplotlib, seaborn
- Other Tools** : Anaconda, Heroku, GitHub, Eclipse, MS Visio
- Certifications** : Microsoft Certified Azure Fundamentals

RELEVANT COURSEWORK

Machine Learning, Deep Learning, Data Analytics, Data Mining, Web Mining, Database Management System

PROFESSIONAL EXPERIENCE

Assistant Systems Engineer, Tata Consultancy Services (TCS), India Jun 22, 2017 - Dec 28, 2018

- Worked on a next-gen delivery system called "Prime" being developed in TCS which is monitored by the CEO's Centre of Excellence and Chief Technology Officer. Architected as a platform of multiple workspaces and several applications, it is a one stop solution that caters the organizational needs of a multinational tech giant like TCS.
- Created real-time dashboards supplemented by intuitive analytics & reports using Tableau.
- Delivered periodic reports and decks for reviews on business metrics (as Risk, Productivity, Customer Experience).
- Worked as a full-stack developer in agile methodology with primary focus on the backend development
- Developed RESTful Web Services using Java, RDBMS, Spring, Hibernate, Spring Boot to develop the application.
- Performed database tuning to reduce query processing time in the global search module of the application.
- Completed EO, E1 Certification in Data Science, R Programming, Python, Internet of things, Agile and AWS.

ACADEMIC PROJECTS

- Twitter US Airlines Sentiment** – Deep Learning (May 2020 – Jun 2020): Performed a sentimental analysis using ULMFiT model to classify the tweets into different sentiments on the US Airlines twitter data. [View Project](#)
- Student Academic Performance** – Machine Learning (Mar 2020 – May 2020): Predicted the academic level of the student (Low, medium, high) based on the various features measured in an LMS. [View Project](#)
- United States Household Income Analysis** (Aug 2019 – Dec 2019): Created Interactive Dashboards to summarize the findings of the US Household Income in geographical statistics considering various factors. [View Dashboard](#)
- FAQ Application** (Jan 2019 – May 2019): Developed a web application for FAQ for the users to share their views and to comment on other's queries. [View Webpage](#)

SCHOLASTIC ACHIEVEMENTS

- Received '**Best University Project Award**' and '**Best Project Award in the Computer Science Department**' for the project 'Trail of Tech', from TCS and PSG College of Technology, India
- Won **1st Prize** in Project Presentation Competition, Knowledge Institute of Technology and Secured rank within top **10 out of 300 projects**, VIT University for the project 'Human Detection by Live Body Sensing Robot'

EXTRACURRICULAR ACTIVITIES

- Department Representative** for Informatics at NJIT, which aims in assisting students by articulating their interests and discuss/vote upon GSA activities in the general assembly meetings.
- Arranged hospitality for 200+ participants across India as the **Head Transport Coordinator** in INNOVAT (Int. Conf.)