Praphul Samavedam

Data Scientist at UBS, Pune

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alteryx | COMMUNITY | kaggle | GitHub

Personal website

Summary

Adept in data analytic skills with experience in business intelligence tools. Current looking to master artificial intelligence skills and conduct exhaustive research.

Skills

Machine Learning , Python, Deep Neural Networks, Alteryx (Adv. certified), SQL, Microsoft Azure, Tableau, Java, Apache Spark

Work Experience

July 2018- Present   **Data Scientist**   UBS, Pune

- Developed application to dynamically send customized campaign email increasing the campaign reach by 30% within 2 months.
- Developed salesperson report dashboard for the new business division of global markets within 11 months using Alteryx, Tableau.
- Provided insights on the clients under different categories, which enhanced the relationship with clients by 6% within 8 months.
- Developed events dashboard for salespersons in Tableau, from incoming XML files processed using Python, Alteryx within 4months.
- 4 key performance indicators (KPIs) were migrated to Python using pandas library, which contributes to 26% of the calculation.
- Automated the refresh of the Python KPIs within a month, reducing 5 working-hours monthly.
- Lead the team towards Agile methodology increasing the productivity of the team by 12% based on lead-time.
- Introduced the Alteryx into the tech–stack of the team, thereby reducing the manual process time by nearly 20%.

July-2017- Dec 2017   **ARM compliance internship**   Nvidia graphics, Bangalore

- Created a test plan and conducted bare metal tests for the newly added features of ARM v8.x like performance monitoring, Reliability, Availability and Serviceability(RAS) on the natively developed ARM, Denver simulators accounting to 93% coverage.

Jun 2016 - Jul 2016   **Internet of things (IoT) internship (summer)**   Pensio Tech, Hyderabad

- Transformer monitoring system, an IoT based JAVA application was developed within 2 months.

Research Capabilities

EHHCW System Modeling and Outage Performance Analysis   IEEE CICT 2018, IIITDM Jabalpur

- First-ever energy harvesting hybrid co-operative wireless system (EHHCW System) consisting of a digital link and an analog link was developed and analyzed for outage probability and performance.
- Proposed strategies for further improvement of the performance by 15% and decrease in outage probability by 20%.

Academic background

Year: 2014-2018	B.E. (Hons) Electrical & Electronics Engineering	CGPA : 8.42/10	BITS-Pilani, Pilani
Year: 2012-2014	Intermediate – M.P.C.	Total : 976/1000	Narayana Intermediate College
Year: 2010-2012	Higher education - 10th (School Topper)	CGPA : 9.80/10	Sri Chaitanya Techno School

Achievements/Awards

- Bagged **1st** prize for "Transign" project under the **AI** category across the APAC region in the UBS Group Technology Superstars event.
- **Center 1st** in state-level mathematics talent test conducted by AIMED. (All India Mathematics Education)

Relevant mini projects

Meenutes - Summary of the meeting is transcribed and sent to the participants making meetings more effective by using speech recognition and natural language generation(NLG). Working prototype was developed within a day during a hackathon.

Transign - Converts streaming audio into arcane Indian sign language for the deaf community by a 2 step process of converting audio to text and then to sign language. The future scope of this project is extending for other sign languages and providing this as a browser extension.

Leadership Capabilities

APOGEE joint coordinator   EEE Association, BITS-Pilani

- Successfully organized 2 kernel events namely R.A.W., i-Strike, and a massive workshop on track follower bot.

School coordinator   NSS, BITS-Pilani

- Lead the 70 volunteers team in increasing the average marks of students by 3.4% and 10th pass percentage by 12%.
- Created separate computer classes to quash the fear of computers and inspire them to pursue career in computer science as well.

Games/Sports

- **School chess champion** in 2010 after securing 3rd position in 2007.
- Runner-up in intra-Nvidia football held from 5th September, 2017 to 26th September, 2017 during my internship at Nvidia.

Certifications: Access my certifications here