

Paras Chhabra

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WORK EXPERIENCE

Kutastha Foundation (Non-Profit), India

Product Data Science Lead (Remote)

Dec 2020 – Present

- Programmed a deep Siamese lstm neural network to reduce the duplicate questions with 82.5% accuracy.
- Designed a chatbot to answer student's questions to improve student's online learning experience.

Intuit, Mountain View, US

Data Science Engineer

Apr 2018 – Aug 2020

- Developed a deep learning model to classify security vulnerabilities into categories which reduced remediation timeline by 10%.
- Designed dashboards to communicate product KPI's and recommend product improvements by conducting customer interviews.
- Supervised the entire product lifecycle aimed to improve deployment and maintenance of machine learning models.
- Build data ingestion pipelines in AWS using Kubernetes and Glue frameworks, to import critical high-volume datasets.

Integra Technologies, US

Data Scientist (Contract, Remote)

Oct 2017 – Mar 2018

- Developed a customer request classifier using convolutional neural network to classify requests into different categories.
- Communicated directly with client to resolve data questions and presenting findings by analyzing financial and sales data.

Acompworld Technosoft (Startup), Delhi, India

Product Data Analyst

June 2013 - July 2015

- Optimized the sales process through product sales and customer data analysis, it increased 20% of the annual sales.
 - Generated ad-hoc reports on purchased products and tracked changes in overall customer base for 10 states.
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LEADERSHIP EXPERIENCE

- Led a team of 8 engineers to build processes to catalog product data sources, identify gaps in data and maintain data hygiene.
 - Mentored a team of 7 interns and engineers towards Intuit's culture and values, as a part of buddy program.
 - Presented machine learning research in the field of security at RedCon (Intuit's bi-annual security conference) for 2 years.
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PROFESSIONAL DEVELOPMENT

Product Manager Nanodegree

- Pitching product vision, conducting product design sprints, creating user stories and managing backlogs

Artificial Intelligence Nanodegree

- Constraint satisfaction problems, automated planning, adversarial search
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PROJECTS

Stack Overflow Python Question-Answer Chatbot (Kaggle Dataset)

Jan 2021 – Present

- Analyzed and preprocess the data to understand patterns in questions and answers.
- Designed a deep learning model to train a chatbot to answer users questions related to python programming.

Fake News Classification (Kaggle Dataset)

Aug 2018 – Sep 2020

- Implement a LSTM neural network and achieved 96% accuracy in classifying fake and real news using news description.
 - Conduct chi-squared statistical analysis to determine words impacting the fake and real news in the dataset.
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SKILLS

Languages: Python, SQL, HTML, CSS, Javascript, Java

Database Systems: AWS Redshift, Oracle, MongoDB, Redis, Cassandra

Python Libraries: TensorFlow, Keras, Scikit Learn, SciPy, Matplotlib, BeautifulSoup, NLTK, Pandas

Tools and Frameworks: Tableau 10.1, GitHub, Hadoop, Kubernetes

Cloud Technologies: Amazon Web Services, Google Cloud Platform

EDUCATION

Carnegie Mellon University, Pittsburgh

May 2017

Master of Information Systems Management

Related Coursework: Machine Learning, Deep Learning, Database Management Systems, BI and Data Mining with SaS, Python for Developers, Distributed Systems, NoSQL Database Management, Data Warehousing, Design Thinking

Maharshi Dayanand University, Haryana, India

May 2013

Bachelor of Technology-Computer Science and Engineering
