

Contact

www.linkedin.com/in/ruchikachhabra25 (LinkedIn)
github.com/Ruchi2507 (Other)

Top Skills

C++
C
Python

Languages

Hindi (Native or Bilingual)
English (Professional Working)

Certifications

Core Java
PHP Training

Ruchika Chhabra

Machine Learning Engineer | Python, C/C++ Software Engineer
Melbourne, Victoria, Australia

Summary

- Data Scientist with 6+ years of experience modelling complex problems, discovering insights and identifying opportunities through the use of statistical, algorithmic, mining and visualization techniques.
- Hands on experience in Text Analytics (NLP/NLU) and Image Processing along with experience of working at client fidelity (Japan and Germany).
- Experienced at creating ETL Data Pipelines, Machine Learning and Neural Network models, using Descriptive (Data mining), Predictive (Statistical Modelling), and Prescriptive (Optimization Algorithm) Analytics.

Experience

Cadence Design Systems

Lead Software Engineer

August 2017 - Present (2 years 8 months)

India

- Analyze and evaluate requirements coming from marketing team and customers to prepare functional specification document.
- Design and build ETL (extract, transform, load) processes to ingest, clean, and process the structured and un-structured data, coming from multiple sources, to draw meaningful insights from large datasets.
- Design, develop and deliver advanced analytics projects using Machine Learning and Deep Learning methodologies.
- Perform end-to-end Machine Learning which involves data extraction, data cleaning, data analysis,

ML model development and then communicating analysis, insights and findings with relevant

stakeholders using Data Visualization tools.

- Develop and maintain CI/CD pipeline using Jenkins.
- Collaborate with a diverse range of stakeholders to optimize delivery of product from both quality and speed-to-market perspective.

NEC Technologies India Pvt. Ltd

Senior Member Technical Staff

July 2013 - August 2017 (4 years 2 months)

Noida Area, India

- Involved in requirements gathering, solution designing, developing prototypes and POCs.
- Developed highly efficient machine learning algorithms in Python through both pair-programming and independent work.
- Created and maintained data pipelines to power machine learning models and dashboards.
- Fine-tuned Machine Learning models to improve accuracy.
- Ensured that all the performance and quality guidelines are met before the product or solution is shipped to the customers.

Education

U.I.E.T. K.U.K

Bachelor's Degree, Computer Science · (2009 - 2013)

D.A.V. Public School, Ambala Cantt, Haryana, India

High School, Computer Software Engineering · (1998 - 2009)