



Samarpan Rai

A.I Engineer

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Professional Skills

Coding Languages:

Python, Java, R

Human Languages:

English : Full professional proficiency

Nepali : Native or bilingual proficiency

Dutch : Limited working proficiency

Educational Training

Radboud University

Bachelor of Science in Artificial Intelligence (2016-2020)

- Holistic study that combined human cognition and technology.
- Focus on understanding A.I system and then implementing
- Graduating thesis on using AI to fight Fake news

Personal Statement

Self-starter and ever curious to learn new things. I like to challenge myself and improve my skill-set. I like working across domain so I will not shy away from a problem.

Worked in projects ranging from embedded circuit development for a creative agency in Kathmandu(Nepal), API Developer for a startup company in Paris (France), Social Media Manager for Radboud University (Netherlands) to Product Manager for a startup company in Nijmegen (Netherlands).

Career Summary

AI Engineer

Vartion

May 2020 to present

- Design and facilitate NLP product for client due diligence

Data Scientist

GooHoo

Nov. 2018 to April 2020

- Researching financial time series forecasting focusing on Retail and Operations management and translating abstract business problems to specific data science problems.
- Create data pipelines to process and transform data from diverse sources and prototype dashboards in Shiny to provide actionable business insights.
- On top, attempt to build algorithm for dynamically pricing multiple products to maximize revenue

Product Manager

EyeSense

Feb. 2018 to April 2020

- Create proper data flow from specially abled users to developers by understanding to user's needs and translating them to developers.
- Monitor user's interaction with the app to gain knowledge about how HCI (Human-computer-Interaction) elements can be improved.
- Report weekly data analysis (using Sci-kit, numpy, pandas etc) about the user experience

Web Integration Developer

WYND

Nov. 2015 to May 2016

- Investigating for cheaper communication between remote autonomous payment devices. With my provided solution we were able to save ~60% on mobile data usage.
- Extensive API development and Symfony2 integration along with SlimAPI platform and providing detail on usage of the API.
- Testing system architecture and server management and migration