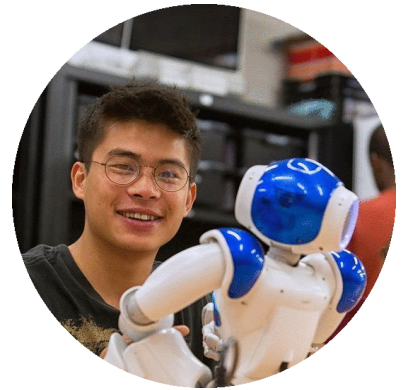# SAMARPAN RAI

PERSONAL STATEMENT

Studying bachelors of Artificial Intelligence (BsC) at Radboud University in the Netherlands. Past life, engineer with experience in electronics/electrical and Web development.
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 startup company in Nijmegen (Netherlands)

Currently working as a Data scientist.

PERSONAL INFORMATION

DOB: 1st August 1994
Place of birth: Siliguri, India
Nationality : Indian
Work phone : +31 625 297 625
Contact Email : samarpan-rai at live.com

A.I Engineer : Vartion, May 2020 - Present.

Data Scientist : GooHoo, Nov 2018 - April 2020.

My job as Data Scientist at GooHoo is quite open-ended. Being a fairly new young company from the perspective of Data Science, I am responsible for laying out the architecture needed for all processes. However, I am still a student so by researching the best-practices around Data Science, my task now revolves around the following points -

♦ Researching on financial time series forecasting focusing on Retail and Operations management. Furthermore, translating abstract business problem to specific data science problem.

♦ Create data pipelines to process and transform data from diverse sources and prototype dashboards in Shiny to provide actionable business insights.

♦ On top, build algorithm for dynamically pricing multiple products to maximize revenue

Product Manager : EyeSense, Feb 2018- August 2018.

This internship was a unique experience for me because my target clients were blind or visually impaired. This demanded me to think about solutions in a creative manner. For example a simple sidebar menu is not a sidebar at all. My day to day task at EyeSense revolved around the following points:

♦ Create proper data flow from customer to developers by understanding to user's need 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 (Paris, *France*), Nov 2015 – May 2016

My role in WYND was to create a new API framework to communicate with mobile devices. My day to day revolved around the following tasks:

♦ Investigating, proposing and providing solutions 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

SOFTWARE DEVELOPER: KAZI STUDIOS (Kathmandu, *Nepal*), Apr 2014 – Oct 2015

Extensive work on PHP and integrating with the new paradigm of MVC in practice. Also worked on some challenging CMS like Magento and Mediawiki. I still worked on Hardware project. One of them is called Sajha, which would track the public vehicles of Kathmandu. We are the first one to bring this management in the country.

EDUCATION	**BACHELOR OF SCIENCE** : Artificial Intelligence, Radboud University, 2016 – Present
	BACHELOR OF COMPUTER SCIENCE: American University of Paris (Paris, France), 2015 – 2016
	INTERNATIONAL BACCALAUREATE DIPLOMA PROGRAMME : Ullens School (Kathmandu, Nepal), 2012 – 2014

LANGUAGE	English - Full professional proficiency
	Nepali - Mother tongue
	Hindi - Professional working proficiency
	French - Limited working proficiency
	Dutch - Elementary proficiency