

(647) 865-3991
Oshawa, Ontario
hello@devyratnasari.com

Devy Ratnasari

Data Scientist / Data Analyst / Software Developer

linkedin.com/in/devy-ratnasari
github.com/devyratnasari
devyratnasari.com

Skilled and results-oriented professional with two years experience in software development with a focus on designing and building an end-user application. Successfully improve the efficiency of the business process. Independently managed, designed and implemented business processes for the company. Awarded recognition for excellent company performance. Viewed as a strong problem solver in intense and demanding environments.

TECHNICAL SKILLS

Tools and Languages Python, Machine Learning, Deep Learning, Computer Vision, Data Visualisation, SQL, TensorFlow, Scikit-Learn, C#, Java, Tableau, FlaskAPI, Azure, AWS, Heroku

PROJECTS

Government Bonds Order Prediction October 2022 — November 2022

- Analysed Customer behaviour and developed a prediction model using Machine Learning to predict the likeliness of the user ordering bonds. This model could help the company to know how many bonds need to reserve.
- Analysis: [Notebook Analysis](#)

Credit Card Detection (Capstone Project) January 2022 — April 2022

- Built a credit card fraud detection model using Machine Learning and Deep Learning with an accuracy score of more than 80%. This model can be implemented in the bank and finance sector to reduce company losses by preventing fraud.
- IEEE presentation: [Youtube presentation link](#) | Analysis: [Notebook Analysis](#)

HM Fashion Recommendation System (Kaggle Competition) April 2022 — May 2022

- Created a recommendation system model for HM Kaggle competition using ALS Implicit algorithm from Machine Learning. This recommendation system can be applied in any e-Commerce or other application, which can increase the business profit.
- Kaggle: [Competition Details](#)

Automatic Attendance Using Face Recognition and Object Detection (Capstone Project) May 2022 — August 2022

- Constructed a web application for collecting students' attendance using facial recognition. This application could simplify the lecturer's task in taking attendance and calling out each student's name and as well as reduce the possibility of other people taking attendance on behalf of someone else.
- Heroku WebApp: [AI Attendance](#)

EDUCATION

Artificial Intelligence Analysis, Design & Implementation - Graduate Certificate January 2022 — August 2022
Durham College Ontario, Canada

- Conduct research, data analysis, model development, and solution deployment in an ethical manner that protects privacy, and confidentiality, address data bias and transparency and ensures data integrity.

Computer Science - Bachelor Degree September 2009 — February 2013
BINUS University Jakarta, Indonesia

TECHNICAL EXPERIENCE

IT Programmer August 2014 — July 2016
Agung Sedayu Group Jakarta, Indonesia

- Developed a software and report system for the legal department that changes the business process from manual to digital systematised and more organised. This results in efficiency for staff and increases the ability to concentrate on important tasks.
- Trained users on how the system works.
- Assisted users with system-related problems.

OTHER EXPERIENCE

Restaurant Manager June 2020 — November 2021
Kuon Omakase & Tempura Kuon Sydney, Australia

- Leverage the usage of social media during pandemic for restaurant marketing, resulting in 100% occupancy which led to maximizing the restaurant's sales.
- Designed a customer's dictionary system that help the chefs to know and understand the customer's behaviour. Leading to better experience for the customer which increased the restaurant's sales.
- Trained 6 staff and managed the restaurants that earned an award from the Australian Good Food Guide for excellent food and service.

Human Resources Assistant March 2013 — March 2014
Alila Hotels Jakarta Jakarta, Indonesia

- Handled medical and other staff benefits.
- Conducted training for a new staff and explain their benefits.
- Administered general affair and liaising between employee union and management if necessary.