# Christson Hartono

## Jakarta, Indonesia

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## Personal Summary

A passionate learner, tech enthusiast, hungry for knowledge, challenge lover, hard worker, discipline, adaptable, open-minded, and good in teamwork. I am very interested and motivated in exploring more about machine learning, data science, software development, business, and finance world. Therefore, I am going to challenge myself and finding experience in solving real-world problems, giving positive impact on society, and contribute to growing and scaling company up.

## Education

**BINA NUSANTARA UNIVERSITY**                                   *September 2018 – Present*
- Major    : Computer Science
- Minor    : Intelligent System
- GPA      : 3.85 out of 4.00

## Experience

**COURSE TUTOR – RUMAH GURU**                                   *June 2017 – July 2018*
- Teach math, physics, math olympiad to middle and high school students.

## Personal Project

**DUKUN GUDANG**                                                                                  *View*
- Dukun Gudang is a web app prototype which supports online business owner in managing the product stock by providing sales summary dashboard and estimating the amount of product stock that need to be prepared.
- This project was built in 3 days as a class project, by using flask framework. All of the visualizations are generated by using python library such as matplotlib and seaborn. The forecasting feature is done by implementing linear regression model. This web app is deployed in heroku cloud service.

**TITANIC : MACHINE LEARNING FROM DISASTER**                                                     *View*
- A classification problem to identify whether the passenger survived or not from the Titanic shipwreck disaster based on some information related to them. This problem is solved by using machine learning implementation, Explanatory Data Analysis(EDA) approaches with the assist of some popular python libraries.
- Robust and structured flow of analysis, advanced dataframe manipulation, provides models comparison summary.

## Organization Experience

**KMB DHAMMAVADDHANA**                                      *December 2018 – December 2019*
· DV-LIVE IN 2019 - Transportation Coordinator
  Successfully providing accommodation for 40 people in 7 days for long-distance travel and ensuring event rundown on time. Achieving the lowest accommodation cost expense all-time at the same event by saving up to 20% in expenses compared to the last event.

## Certificates

· Udemy - *The Data Science Course 2020: Complete Data Science Bootcamp*
· Udemy - *Python Data Science with Pandas : Master 12 Advanced Projects*
· Coursera - *Using Databases with Python*
· Coursera - *Using Python to Access Web Data*
· Coursera (deeplearning.ai) - *Structuring Machine Learning Projects*
· Coursera (deeplearning.ai) - *Convolutional Neural Networks*
· Coursera (deeplearning.ai) - *Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization*
· Coursera (deeplearning.ai) - *Neural Networks and Deep Learning*
· Dicoding – *Belajar Membuat Aplikasi Kognitif*
· Dicoding - *Belajar Membuat Aplikasi Android untuk Pemula*
· Dicoding - *Memulai Pemrograman Dengan Kotlin*

## Achievement

**Innovation Challenge Competition (Finalist)**                          *2019*
· Internal college competition, proposing *"Food Quality Detector"* idea by implementing artificial intelligence to the food industry to provide healthy food products.

**Sea Scholarship Indonesia**                                      *2018 - Present*

## Competition Experience

· Shopee Code League Participant (Student Category)                          2020
· Arkavidia 6 Competitive Programming Participant                            2020
· COMPFEST 11 Competitive Programming Participant                            2019
· INC Competitive Programming Participant                                    2019

## Skill

· Python, Javascript, C++, Java, Kotlin, SQL, HTML, CSS
· Tensorflow, Keras, Excel, Tableau, Flask, React Js, Android, Git
· Machine Learning, Deep Learning, Basic Statistics, Computer Vision, Data Visualization, Web Programming, Mobile Programming (Android)