

Muhammad Aswan Syahputra

FOOD SENSORU CONSULTANT · SENSOMETRICS ANALYST

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"... how hard one finds it to learn something is a function of the intrinsic difficulty of the thing, the person's previous experience, preferred modes of thinking, etc., and how learning is approached." - John Fox

Summary

MSc graduate in Food Technology at Wageningen University and Research with Sensory Science specialisation. Independent data analyst and statistic consultant for bachelor and master student. Numerous experience in analysing statistical problems including process optimisation in food production. 3+ years experience working with R statistical program. Interested in Sensometrics and Data Science by utilising the power of open-source tools.

Education

Wageningen University and Research

Wageningen, Netherlands

MASTER IN FOOD TECHNOLOGY

Aug. 2016 - Aug. 2018

- Granted with Indonesian Education Scholarship from Indonesia Endowment Fund of Education.

Universitas Brawijaya

Malang, Indonesia

BACHELOR IN AGRICULTURAL PRODUCT TECHNOLOGY

Sep. 2011 - Aug. 2015

- Granted with PPA Scholarship from Ministry of Research, Technology and Higher Education of Indonesia.

Research Experience

SenseHub: an integrated web application for sensory analyses

Malang, Indonesia

PRESENTATION AT INTERNATIONAL CONFERENCE ON GREEN AGROINDUSTRY AND BIOECONOMIC (ICGAB)

Sep. 2018

Observation of Chewing Activity using Photoplethysmography (PPG) Method

Wageningen University and
Research, Netherlands

MASTER THESIS

Apr. 2018

Exploratory Study: the Influence of Instant Iced-Coffee Drinking Methods to Consumers' Multisensory Perceptions Utilizing Rate-all-that-Apply (RATA) Method

University of Brawijaya, Indonesia

BACHELOR THESIS

2015

Influence of Tempeh Flour Fortification into Coffee as an Anti-Hypercholesterolemia and Anti-Hypertension Beverages

University of Brawijaya, Indonesia

STUDENT RESEARCH PROJECT

2014

Uplift Indigenous "Rujak Manis" Potency to Lower Colorectal Cancer Incidence Through Osmotic Dehydration Technology

University of Brawijaya, Indonesia

STUDENT RESEARCH PROJECT

2013

Work Experience

Association of Indonesian Education Scholarship Awardee in Wageningen University and Research

Wageningen, Netherlands

COORDINATOR

2016 - PRESENT

- Act as the mediator between awardee and Indonesia Endowment Fund of Education as scholarship granting organisation.
- Give academical insight and welcoming lecture to the new awardee in the beginning of new academic year.
- Monitor academic and living performance of awardee and provide private/group consultation if necessary.

Laboratory of Sensory Analysis, Faculty of Agricultural Technology, University of Brawijaya

Malang, Indonesia

LABORATORY PRACTICE ASSISTANT

2015

- Responsible in preparing the practical about discriminative, descriptive, and affective sensory test.
- Assisting students and making sure of the safety during laboratory practice.
- Evaluating students performance and giving report to course coordinator about the laboratory practice.

Indonesian Coffee and Cocoa Research Institute (ICCRI)

Jember, Indonesia

INTERN

2013 - 2014

- Assisting sensory evaluation using Coffee Cupping Protocols established by Specialty Coffee Association of America (SCAA).
- Assisting sensory evaluation of cocoa products developed at ICCRI.

Laboratory of Post-harvest Processing Technology, Faculty of Agricultural Technology, University of Brawijaya

Malang, Indonesia

LABORATORY PRACTICE ASSISTANT

2013

- Responsible in preparing materials and protocol for the practical.
- Assisting students and making sure of the safety during laboratory practice.
- Evaluating students performance and giving report to course coordinator about the laboratory practice.

HIMALOGISTA (Student Association)

Malang, Indonesia

TUTOR

2012 - 2014

- Delivering extra lectures for students on subject covering Food Physical-Chemical Properties, Food Processing Technology, and Basic Instrumental Analysis.

Laboratory of Chemistry, Faculty of Agricultural Technology, University of Brawijaya

Malang, Indonesia

LABORATORY PRACTICE ASSISTANT

2012

- Responsible in preparing materials and protocol for the practical.
- Assisting students and making sure of the safety during laboratory practice.
- Evaluating students performance and giving report to course coordinator about the laboratory practice.

Extracurricular Activity

- 2017 **Head of Rehearsal Division**, Angklung Wageningen, Indonesian Student Association of Wageningen (ISAW) *Netherlands*
- 2015 - Present **Member**, Food Sensory Research Group, University of Brawijaya *Indonesia*
- 2013 - 2014 **Member**, Riset dan Karya Ilmiah Mahasiswa (RKIM), University of Brawijaya *Indonesia*
- 2012 - 2013 **Member**, Perhimpunan Ahli Teknologi Pangan Indonesia *Indonesia*
- 2011 - 2012 **Member**, Ikatan Mahasiswa Muslim Peduli Pangan dan Gizi (IMMPPG), University of Brawijaya *Indonesia*

Program Committees

- 2013 **Organiser**, ASTRA 1st University of Brawijaya Presentation and Seminar Workshop *Malang, Indonesia*
- 2012 **Organiser**, 3rd Scientific Great Moment (SGM) University of Brawijaya *Malang, Indonesia*

Honors & Awards

- 2017 **2nd Winner**, Traditional Saman Dance Competition, Indonesian Festival "Spirit of Youth" *Germany*
- 2015 **Cum laude Graduate**, University of Brawijaya Graduation Ceremony *Indonesia*
- 2014 **1st Winner**, 5th Scientific Great Momen (SGM) University of Brawijaya National Scientific Paper Competition *Indonesia*
- 2013 **2nd Winner**, 11th Bogor Agricultural University National Scientific Paper Competition *Indonesia*
- 2012 **1st Winner**, The Favorite Student in Faculty of Agricultural Technology *Indonesia*
- 2011 **1st Winner**, Achiever of Best CGPA in Exact Science in University of Brawijaya *Indonesia*

Skills

Computer and programming	Linux, R, SPSS, Minitab, Jamovi, Design Expert, LaTeX
Sensory software and package	EyeQuestion, SensoMineR, FactoMineR, sensR, BradleyTerry2
Graphic	Inkscape, GIMP
Languages	Bahasa Indonesia, English

Certification

Introduction to R

R PROGRAMMER COURSE TRACK

DataCamp

2017

Intermediate R

R PROGRAMMER COURSE TRACK

DataCamp

2017

Intermediate R - Practice

R PROGRAMMER COURSE TRACK

DataCamp

2017

Importing Data Into R (Part 1)

R PROGRAMMER COURSE TRACK

DataCamp

2017

Writing Efficient R Code

R PROGRAMMER COURSE TRACK

DataCamp

2017

Cleaning Data in R

R PROGRAMMER COURSE TRACK

DataCamp

2017

Working with the RStudio IDE (Part 1)

R PROGRAMMER COURSE TRACK

DataCamp

2017

Modeling with Data in the Tidyverse

TIDYVERSE FUNDAMENTALS WITH R COURSE TRACK

DataCamp

2018

Building Web Application in R with Shiny

R PROGRAMMER COURSE TRACK

DataCamp

2018

Building Web Application in R with Shiny: Case Studies

R PROGRAMMER COURSE TRACK

DataCamp

2018