

Meeyoon Choo

Master of Science (MS) in
Applied Data Science
at Bay Path University,
Longmeadow, MA
CGPA:3.89/4.00

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Skills

OS

Linux, MacOSX, Windows

LANGUAGES

R, C/C++, Java, Python

BIG DATA PLATFORM

Spotfire, Hadoop,
Big Data analytics

DATABASES

SQL, NoSQL, H2 Database

SOFTWARE

Jupyter, Pandas, Numpy, Matplotlib

OTHERS

SAS, SPSS, Sparkline, Regression,
Decision Tree, Random Forest,
K-Means, SVM, PCA,
Neural Network

Coursework

Probability for Data Analytics
Statistical Inference for Data Analytics
Statistical Modeling
Data Exploration and Visualization
Database Systems
Machine Learning
Data Mining
Time Series Analysis
Deep Learning

Education

2018-2019 (EXPECTED)

MS in Applied Data Science
Bay Path University, MA
CGPA : 3.89/4.00

2010-2012

MS in Biological Science
The University of Memphis, TN
CGPA : 3.52/4.00

2003-2006

BS in Resource Biotechnology
University of Malaysia Sarawak,
Malaysia
CGPA : 3.28/4.00

Experience

2012-2017 **Park University**

Biology Adjunct Professor

Taught online and in-class undergraduate level courses in Biology. Developed and managed class syllabus that meets department standards. Prepared teaching materials and lab guidelines by making accessible via Canvas online learning system. Evaluated students' assignments, quizzes, lab data reports, and exams. Also, provided feedback and grades in timely fashion.

2010-2012 **The University of Memphis**

Teaching Assistant

Prepared specimen and chemicals reagents for teaching in biology labs. Assisted undergraduates in problem solving and making sure the experiments run well. Evaluated their lab data reports, quizzes, scientific papers, and exams.

2007-2009 **Sam Hoe Food Manufacturing**

Quality Assurance/ Control

Monitored quality control process, personnel and methods to ensure finished products meet all established physical specifications, quality system and external customer requirements. Coordinated and conducted internal audits to evaluate the effectiveness of the quality system. Managed effective plant hygiene programs, routine plant sanitation and HACCP food safety. Conducted lab testing including chemical, moisture and physical testing.

2006-2007 **MARDI**

Research Assistant

Researched on tissue culture of Agrobacteria-mediated transformation of tomato. Investigated the efficiency of transformation on tomato, chili pepper, tobacco, or other plant species. Constructed virus-resistant chili and tested the efficiency for regeneration of the transformed specimens. PCR screening of bacteria transformant colonies and the transgenic explants.

2005-2006 **University of Malaysia Sarawak**

Lab Assistant

Prepared reagents and chemical stocks. Washed and cleaned lab equipment and glassware. Prepared specimens and chemicals for teaching and research purposes.

2006-2007 **MARDI**

Intern

Conducted a series of experiments in horticultural field such as tested the efficiency of biocontrol system on strawberries and other vegetables. Assisted on developing new plant varieties, crop management, pest and disease management and post harvest.