



Data Science and Machine Learning @ABIT

The Applied Business and Information Technology (ABIT) Bachelor in Applied Science (BAS) program provides students an opportunity to specialize in Data Science and Machine Learning. These new fields are in high demand by employers.

Earn a Certificate of Competence (CO) in Data Science and Machine Learning (15 cr)

All courses are taught via distance learning and available to all students in the state of Hawaii and beyond!

- MATH 115 – Introduction to Statistics
- ICS 173 - Introduction to Data Science
- ICS 320 - Information Systems and E-Commerce
- BUS 310 - Statistical Analysis for Business Decisions
- ICS 435 - Machine Learning Fundamentals

Fundamentals of Deep Learning for Computer Vision - NVIDIA

In this hands-on course, you will learn the basics of deep learning by training and deploying neural networks.

You will:

- Implement common deep learning workflows such as Image Classification and Object Detection.
- Experiment with data, training parameters, network structure, and other strategies to increase performance and capability.
- Deploy your networks to start solving real-world problems.
- On completion of this course, you will be able to start solving your own problems with deep learning.

This is a certified hands-on workshop from NVIDIA.

DR. DEBASIS BHATTACHARYA

Assistant Professor

Program Coordinator



Dr. Debasis Bhattacharya is currently a faculty member at the University of Hawai'i Maui College, and program coordinator for the Applied Business and Information Technology (ABIT) baccalaureate program.

Dr. Bhattacharya has been working in the software industry for 30 years, having worked for large corporations such as Oracle and Microsoft. A resident of Hawaii since 2002, he has been actively researching the information security needs of small businesses since 2008.

As a former small business owner, he understands the needs and demands of information security, as well as keeping a small business up and running! Dr. Bhattacharya holds degrees from MIT, Columbia University, University of Phoenix and NW California University School of Law.

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