Faculty

José F. Aldana Montes, Universidad de Málaga
José M. Carrasco Mora, Universidad de Málaga
Javier Cubo Villalba, Universidad de Málaga
Manuel Díaz Rodríguez, Universidad de Málaga
Braulio Díez Botella, Lemoncode
M. Carmen Fernández Gago, Universidad de Málaga
José M. García Nieto, Universidad de Málaga
Daniel Garrido Márquez, Universidad de Málaga
Javier López Muñoz, Universidad de Málaga
Alejandro Maté Morga, Universidad de Alicante
Ismael Navas Delgado, Universidad de Málaga
Antonio J. Nebro Urbaneja, Universidad de Málaga
Ernesto Pimentel Sánchez, Universidad de Málaga
Mª del Mar Roldán García, Universidad de Málaga
Maciek Rybinski, Universidad de Málaga
Juan C. Trujillo Mondéjar, Universidad de Alicante
Javier del Ser, Tecnalia

¡APROVECHA TU ÚLTIMO AÑO EN EL GRADO!

MATRICÚLATE CON HASTA 60 CRÉDITOS PENDIENTES

Organizers

Khaos Investigación

Universidad de Málaga

(Big) Data Analytics CoE of the University of Málaga

Andalucía Tech
Campus de Excelencia Internacional
International Campus of Excellence

Internship Company collaborators

CGI
OPPLUS
plain concepts
The Workshop
TDK EPCOS · TDK Europe
tupl
SDOS
DEKRA
ALGORATH
VALO
BIG data
VIEWNEXT
piksel
Ingenia
CIKLUM
CORITEL
BASEBONE
TOPdigital
GRUPO EMPRESARIAL
indra
pwc

Collaborators

IDEA!
Universitat d'Alacant
Universidad de Alicante

III University Master's degree programme in Advanced Analytics on Big Data

Real applications in Crime Analysis, Smart Cities and Urban Mobility, Smart Grids and Energy, and eHealth and Precision Medicine

STARTS ON OCTOBER 2018

Contents

Hadoop, Python, Spark, MongoDB, Hive, Open Data, D3JS, Predictive Analytics, ETL, OLAP, Machine Learning, Spark MLlib, Visualization, Smart Grids, Text Mining, TensorFlow, Internet of Things, Cloud Computing, Security

Features

- 90 ECTS credits
- Semi-distance learning
- Enrollment Fee: 6.000€
- Teachers from Academic and Business backgrounds
- Paid Internships (6 months, 1.000 euros/month)

Contact

Khaos Research
Phone: 951 952 938
Email: bigdata@lcc.uma.es
http://bigdata.lcc.uma.es

NOTA:

NO ES POSIBLE MATRICULARSE CON MÁS DE 60 CRÉDITOS DE GRADO PENDIENTES

Programme

Module 1: Introduction and Open Data

Module 2: Databases

Module 3: NoSQL Databases

Module 4: Data Analytics

Module 5: Use Case I:
Smart Mobility Lab

Module 6: Predictive Analytics

Module 7: Machine Learning

Module 8: Apache Spark

Module 9: Spark MLlib

Module 10: Visualization

Module 11: Text Mining

Module 12: Real Time & Internet of Things

Module 13: Cloud Computing

Module 14: Security

Module 15: Use Case II:
eHealth y Precision Medicine

Module 16: Master Thesis

Module 17: Internship *+

*** Paid Internship (6 months, 1000 euros/month)**

+ Internship validation, if the student is employed

Description

The Master in Advanced Analytics on Big Data is a master's degree offered by the University of Malaga in collaboration with companies with extensive experience in the field of data analysis in Big Data applications. With a highly professional approach, it is aimed both at professionals who wish to broaden their knowledge, technical engineers and graduates with technical training in computer science who have recently completed their studies. It offers high-level training in a specialization that in the immediate future will be highly in demand.

Aims

The term "Big Data" refers to applications that must process and analyze an enormous amount of data to be processed quickly (or in streaming), and whose origin can be highly varied. The Master in Advanced Analytics on Big Data is focused on the ability to analyze all of this information and how to obtain valuable knowledge from it. Its contents include a significant burden on technologies: Hadoop and Spark, NoSQL databases, data visualization, predictive analytics; and the application of three real use cases; advanced topics, such as the Internet of Things, cloud computing and security-related issues will also be addressed. Internships are in leading companies in the sector.

Requirements

Graduates in Computer Science, Telecommunications and Industrial Engineering graduates and graduates in mathematics and statistics. Graduates with solid technical training in information technology.

Professionals without university degree but with at least 3 years of proven experience related to the master's subject matter. Senior engineers and technicians.

Enrollment

http://www.titulacionespropias.uma.es/informacion_curso.php?id_curso=6902635

Pre-Enrollment:
1 April 2018 to 15 September 2018

Enrollment:
16 September 2018 a 5 October 2018

Fees 6.000€ (Installment Payment):
Pre-enrollment 15 September 2018: 2.000€

1st Term 5 October 2018: 2.000€

2nd Term 15 January 2019: 2.000€

Timetable

10 October 2018 to 30 March 2020

Face-to-face Classes:
Thursday and Friday, 18.00 - 21.00

Tutoring: Mondays, 18.00 - 21.00

Lesson Hours: 175

Internship:
September 2019 - March 2020 (six months)

Additional Information

Website: http://bigdata.lcc.uma.es

Twitter: @BigDataUMA

Blog: https://bigdatauma.wordpress.com/

Show your interest or ask any question:
http://goo.gl/forms/cDOnHHYoOcq0be642