

Empowering data science talents for a post-Covid world

THE second wave of movement control restrictions is a reminder of the importance of digital transformation – not only among organisations, but at every level of community and individual life.

Underlying this transformation is the need for more computer science talents who will enable the effective utilisation of computers and computing concepts, including understanding and interacting with hardware, software, networking and the Internet to build a better world and workplace.

Leveraging the expertise of indus-

try leaders, INTI's Diploma in Computer Science (DCS) provides training and pathways for professional certifications at no extra cost through specialised modules in cloud computing, cybersecurity and data analytics, so that the next generation of technologists will be ready to take on a post-Covid world.

Master the cloud with Amazon Web Services

Cloud computing addresses the on-demand delivery of IT resources over the Internet with pay-as-you-go pricing.

Instead of buying, owning, and maintaining physical data centres and servers, organisations or individuals can access computing power, storage, and databases through the Internet. ⁽¹⁾ Cloud computing provides agility, cost-savings and ease of deploying information globally in minutes.

Amazon Web Services (AWS), the cloud computing arm of e-commerce giant Amazon, is the world's most comprehensive and broadly adopted cloud platform, offering over 175 fully featured services from data centres globally.

CLOUD STORAGE



CLOUD COMPUTING



CYBER SECURITY



DATA SCIENCE



Millions of customers – including the fastest-growing start-ups, large enterprises, and leading government agencies – are using AWS to lower costs, become more agile, and innovate faster.

With access to Amazon Web Services' cloud computing expertise through INTI's DCS programme, students gain insights into the effective management and use of cloud computing, a must have for today's remote workforce.

Safeguard digital assets and privacy with LGMS Group

As the Internet facilitates the borderless exchange of information and enables individuals and businesses to continue everyday life, privacy and security breaches have also increased.

For companies large and small, cybersecurity specialists are essential in tackling these threats while providing information technology solutions to counter the efforts of cybercriminals. This keeps both digital assets and people safe, enabling businesses to continue operating through online platforms.

LGMS is the largest specialised penetration testing firm in Malaysia.

The firm helps companies and the government assess their cybersecurity readiness, and provides guidance to strengthen their defences against cyber threats. LGMS also operates a fully equipped, state-of-the-art Cyber Digital Forensic lab to help computer incident responses, recovery and cybercrime investigations.

With INTI's cybersecurity module in INTI's DCS programme, students learn to identify and appreciate the applicability of cybersecurity in various aspects of programming, networking, systems administration, big data analytics and artificial intelligence – as well as daily digital lifestyles.

Make informed decisions with SAS Institute Inc

Data science facilitates the ability to obtain relevant insights and information from existing data for businesses, advertising, security and other fields, which enables better decision-making and the delivery of better products, services and solutions.

Data software and platforms can help various aspects, such as enabling predictive maintenance in manufacturing, gaining insights on customer behaviour in online retail, and even resource allocation within a hospital during these critical times.

These analytics empower companies to make better decisions and thrive even in an unpredictable and volatile world.

As a trusted analytics powerhouse for organisations seeking immediate value from their data, SAS empowers and inspires customers around the world to transform data into intelligence through innovative software and services.

To help learners and professionals adapt to the new normal during Covid-19, SAS launched flexible and free options for users, which helps them navigate the unprecedented changes to professional and personal lives.

With the demand for skilled data analysts outpacing supply, the data analytics module offered in INTI's DCS programme will provide students the skills in data analysis, data management, predictive analytics, machine learning and more, that provides them a solid foundation for a career in data analytics.

■ To find out more, visit <https://newinti.edu.my/programme/diploma-in-computer-science/>

Reference

¹⁾ <https://aws.amazon.com/what-is-cloud-computing/>