LCBS Dhaka

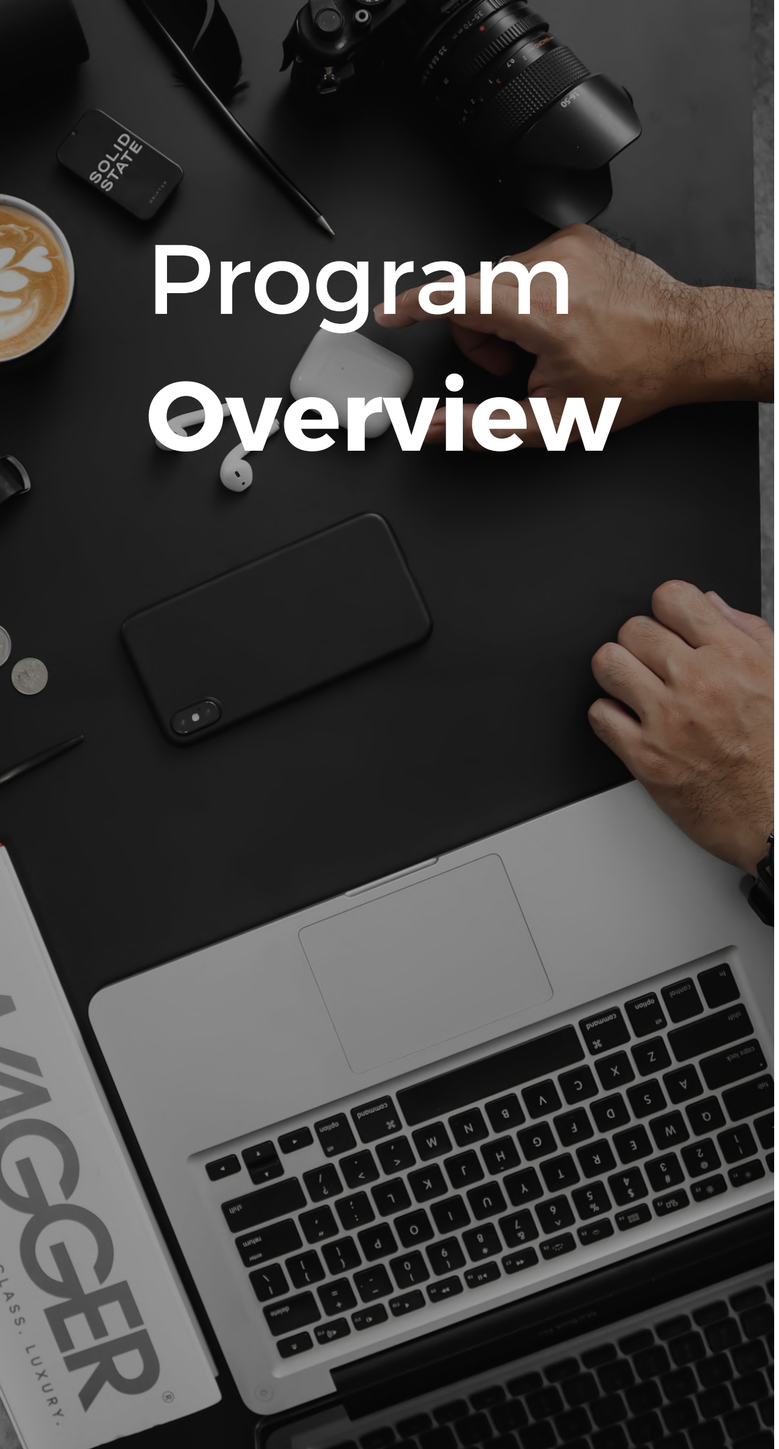
Applied Bachelors in SOFTWARE ENGINEERING (Computer Science)

EARN while you LEARN

University of Roehampton London

In partnership with

LITHAN EDU CLaaS®



Program Overview

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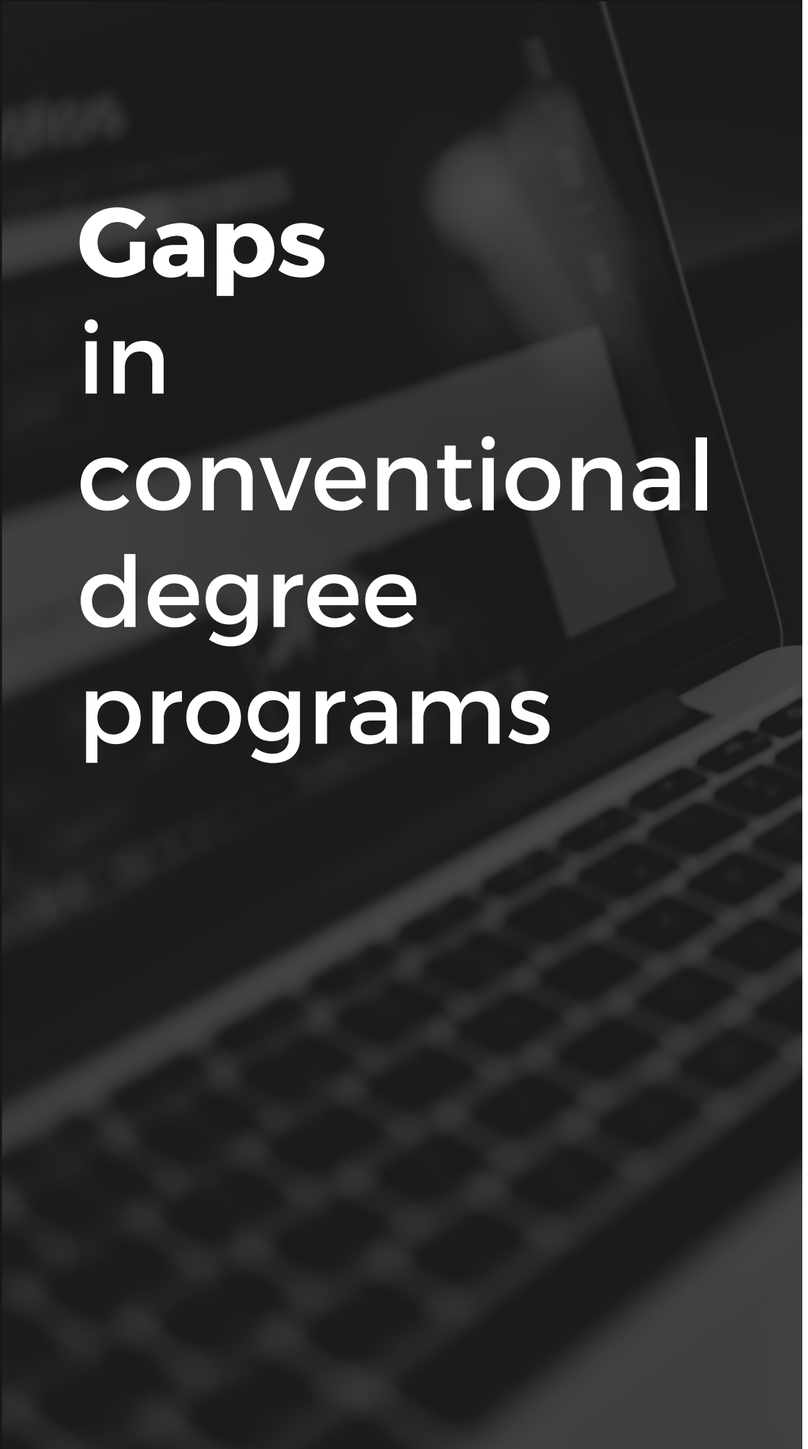
This course is a work-based honours degree program designed to grow multidisciplinary software development talents with a mix of 21st-century cutting edge technological expertise like Data Science, Machine Learning, Artificial Intelligence, and Natural Language Processing with small to medium scale enterprise applications development.

The work2learn journey of our learners begins with an intensive 12-month coding Bootcamp where they will clock up on industry practitioners in over 2000 hours of guided training and personalized mentoring.

The Bootcamp enables the learner to acquire the skills to develop web applications using the front-end tools and technologies such as HTML, CSS, JavaScript, jQuery, jQueryUI, Ajax, Angular, and Struts framework, and MySQL Database. Besides, they obtain skills to create a single page, responsive websites using the Bootstrap framework, and human-centric, interactive prototypes using Axure.

In addition to that, they acquire the skills to develop small to medium-sized enterprise applications using the Spring framework, Angular, React, and Liferay portals. Besides, they obtain skills to create competitive digital marketing ideas based on actionable customer insights by integrating applications with digital platforms such as Facebook, Google, and PayPal using Webhooks.



Gaps in conventional degree programs

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Nearly 50% of graduates are unemployed/underemployed

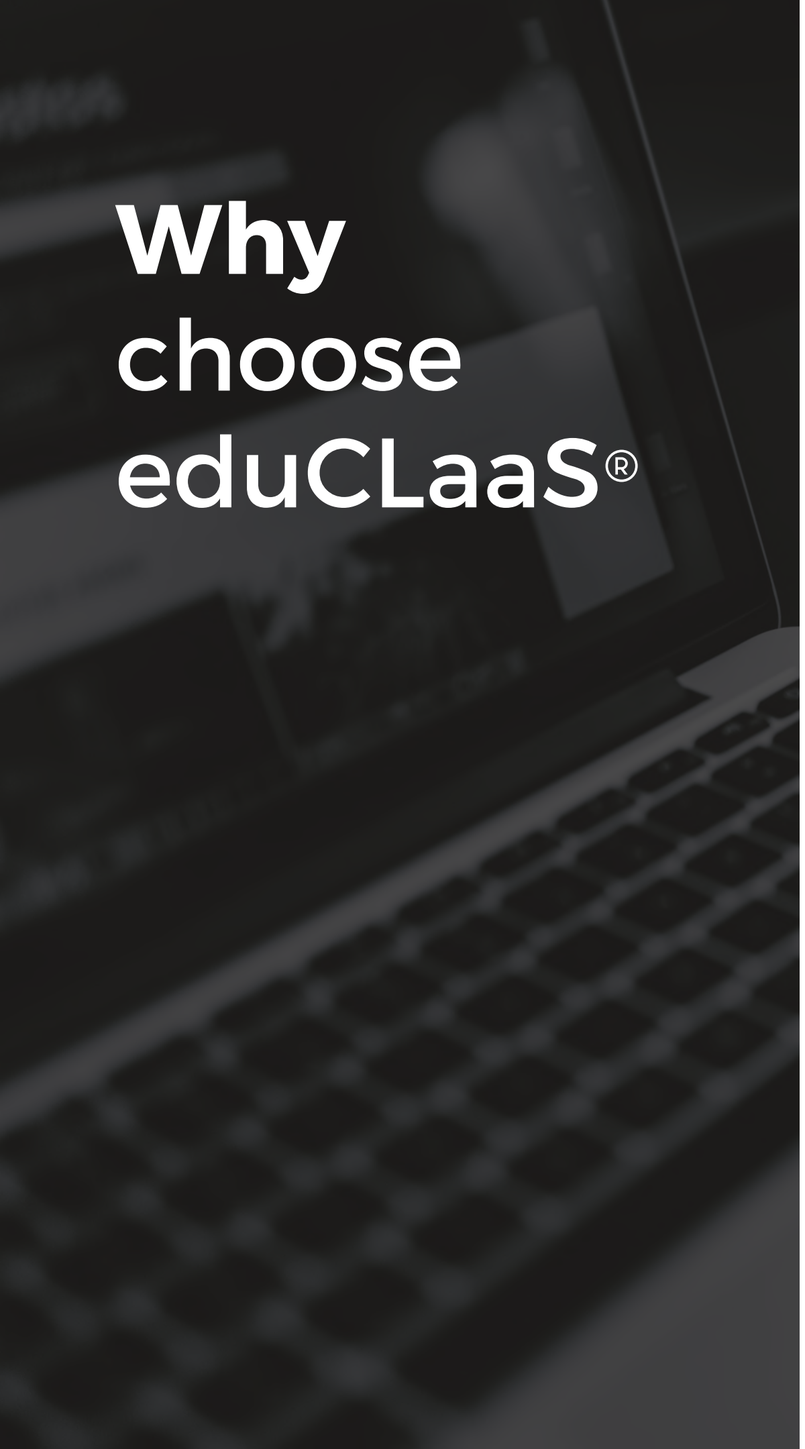
The curriculum considered by traditional universities is outdated and does not equip learners with industry-relevant skills, making them less competent for the current job market.

Limited Work Experience

Employers prefer graduates with work experience over fresh graduates. However, the conventional educational institutions offer less-to-no working opportunities, limiting their employment chances

High Education Cost

The traditional universities not only demand higher tuition fees but also restrict the earning opportunities during the advance degree course



Why choose eduCLaaS®

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Global Ready Skills in just 12 Months

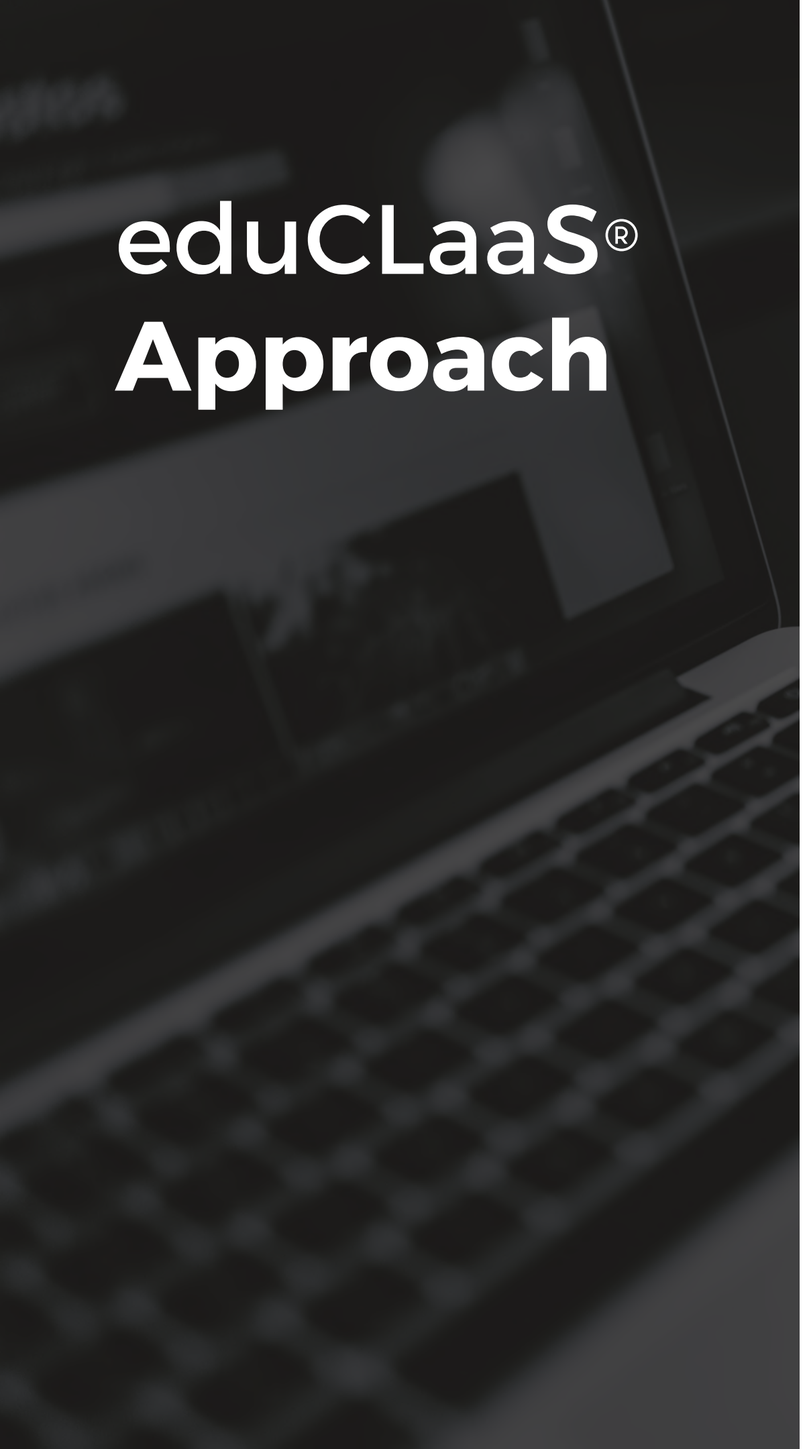
Learning from a competency-based curriculum, leveraging different learning models, gaining core subject knowledge, and enjoying personal mentorship from industry experts.

36 Months of International Work Experience

Work as a full-time paid apprentice with our 2000+ partnered enterprises. For 36 months, you study part time while working full-time on collaborative projects and honing your skills.

Debt-free degree

Our internship program that helps you earn up to USD 16,200 during the course when combined with our minimum income assurance scheme makes it easier to pay your tuition fee



eduCLaaS® Approach

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Our learners start their work-study journey with an intensive 12-month bootcamp, where they check into our global virtual campus daily on weekdays for over 2000 hours of guided learning and mentoring from industry practitioners.

On completion of the 12-month bootcamp, the learner will be matched with our pool of international employers to study part time while starting work full time as a paid apprentice, where they will be paid US$300-US$600 per month.

Our graduates acquire not just deep domain skills but also broad 21st century competencies, including advanced communication and collaborative skills for working in an international cross culture environment. With global ready skills and and 3 years of full-time working experience under their belt, we expect our learners to earn double the salary of graduates from conventional universities.

Our work-based applied degree delivers superior return on education investment where we expect 80% of the cohort to earn more than the tuition fee paid, even before graduation.

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Dual Accreditation

Higher National Diploma – 24 Months

Pearson BTEC Level 5 Higher National Diploma in Computing (Applications Development) (E-Learning)

Bachelors Degree – 24 Months

in Computer Science from University of Roehampton

Program **Modules**

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Pearson HND

1. Unit 10: Web Design and Development
2. Unit 1: Programming
3. Unit 28: Prototyping
4. Unit 4: Database Design and Development
5. Unit 9: Software Development and Lifecycles
6. Unit 6: Managing a Successful Computing Project
7. Unit 42: Risk Analysis and Systems Testing
8. Unit 20: Advanced Programming
9. Unit 30: Applications Development
10. Unit 29: Application Programming Interfaces
11. Unit 13: Computing Research Project
12. Unit 14: Business Intelligence
13. Unit 3: Professional Practice
14. Unit 2: Networking
15. Unit 5: Security

Bachelors Degree

1. Data Visualisation
2. Machine Learning
3. Data Engineering
4. Cyber-Security
5. Final-Year Project

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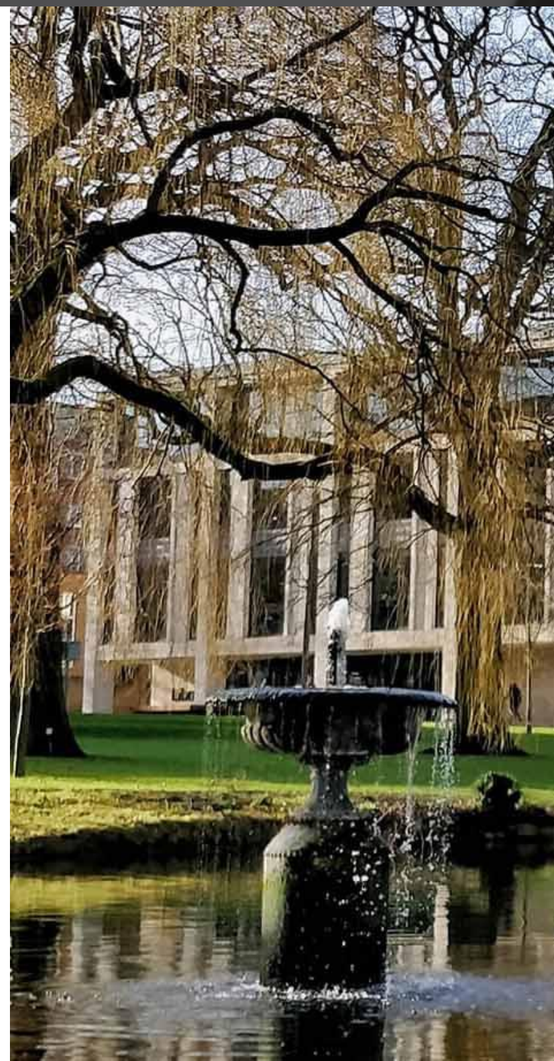
***Modules may change based on industry/University requirement**



Program **Structure**

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Delivery

Blended learning through a combination of self-paced e-learning, instructor-led flipped classes and personalized mentoring with industry practitioners.

Duration

12 months
Full Time Study

36 months
Full Time Apprenticeship
Part Time Study

Course Fee

USD $12,000

Potential Income

USD $16,200 (minimum US$ 6000)

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Tuition fee and Income Structure

	1st Year	2nd Year	3rd Year	4thYear	Total
Tuition Fee*	$150	$200	$300	$350	$12,000
Potential Earning* (Minimum Guaranteed $6000)	——	$300	$450	$600	$16,200

*In USD per month

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Entry Requirement

- 2 AL passes including a Mathematics based subject or Equivalent Diploma or Level 3 Certificate conducted in English

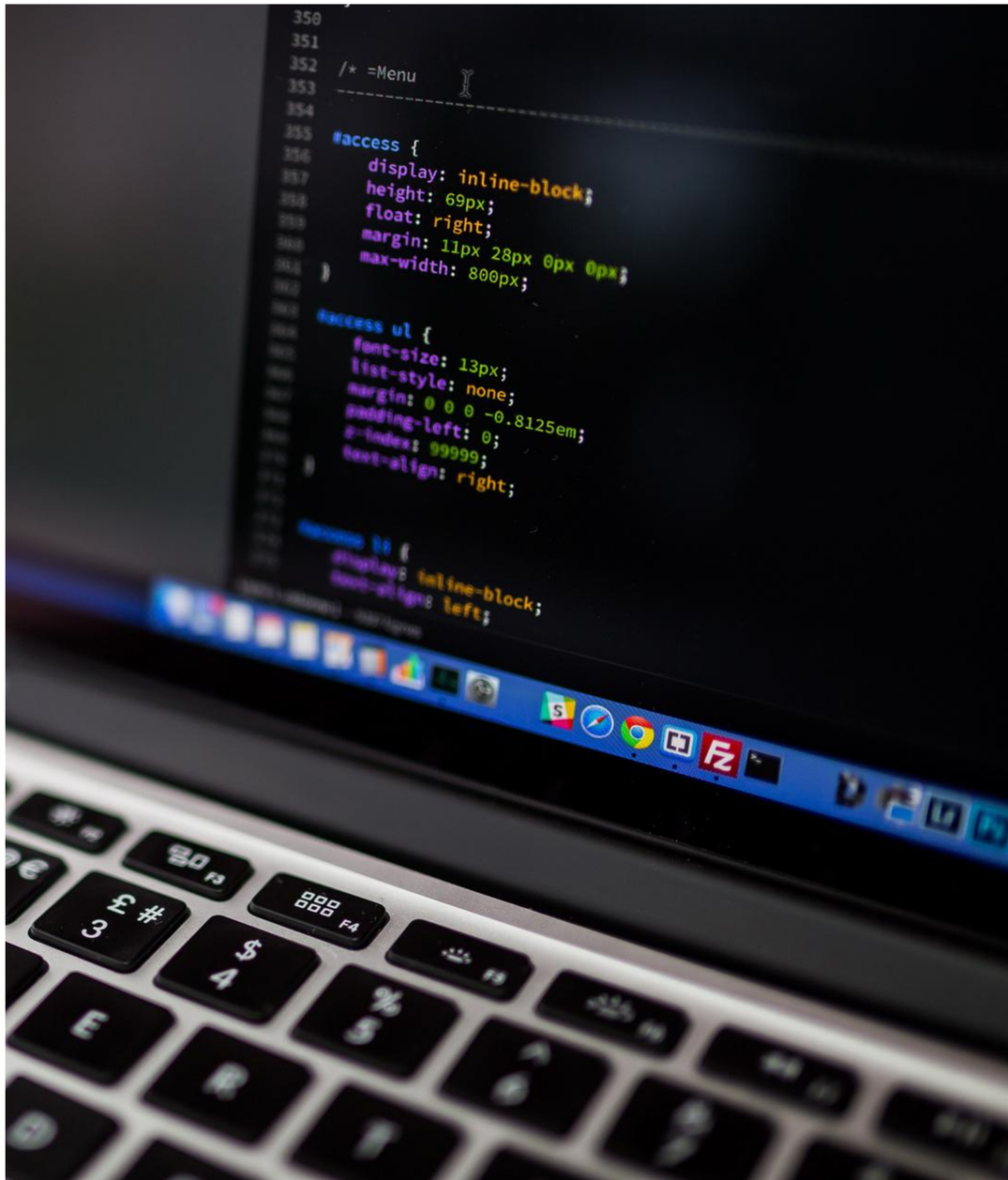
AND

- OL Minimum ‘C’ Grade for English and Mathematics

OR

- Minimum CGPA 4 in HSC and SSC with Minimum 'A' in Mathematics and English

- IELTS 5.5 or its equivalent or candidate who has been completed school education in English as medium of instruction



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Industry Validation and Collaboration

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PROGRAM THAT TICKS ALL THE RIGHT BOXES

Work Based Honour's Degree

- **Work Ready** skills in 12 months
- **36 Months** international **Work Experience**
- **Debt-free** Degree

LCBS Dhaka

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