Nova Academy
星光学院

Bachelor Degree
Information Technology
Software Engineering
软件工程学士学位

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Lume Education Group Sdn Bhd
Registration No: 202301044484 (1538400-D)

Lot L1-E-4, Level 1, HIVE 5 (Enterprise 4),
Taman Teknologi MRANTI,
Bukit Jalil, 57000 Kuala Lumpur, Malaysia.

Certified By 波兰热舒夫信息技术与管理大学认证

UNIVERSITY of INFORMATION TECHNOLOGY and MANAGEMENT
in Rzeszow, POLAND

Program Overview

The 3-year Bachelor of Software Engineering program is a comprehensive undergraduate academic project that equips students for a highly promising and critical career in the field of software development and system maintenance.

The program is specifically structured for developing robust software solutions, managing complex development lifecycles, and maintaining mission-critical systems effectively.

Career Opportunity

Software Developer/Engineer:
Design, code, test, and maintain software across domains like web, mobile app, or enterprise software development.

Web Developer:
Build and maintain websites with HTML, CSS, JavaScript and web development frameworks and technologies.

Mobile App Developer:
Develop mobile applications for platforms like iOS or Android.

Quality Assurance (QA) Engineer:
Ensure software quality by testing, debugging, and fixing software defects.

Database Administrator:
Manage and maintain databases.

Project Coordinator/Manager:
Oversee and manage software development projects.

课程简介

3年制网络互联与安全学士学位课程是一项全面且重要的本科学术项目,旨在为学生在网络防御和系统安全领域提供一个极具前景的关键职业生涯。

该课程的设置旨在让毕业生做好充分的职业准备,使其能够有效地致力于保护信息系统安全、防范网络威胁,并管理复杂的网络基础设施。

就业机会

软件开发者/工程师:
负责软件应用的设计、编码、测试和维护,该角色涵盖网页开发、移动应用和企业软件等领域。

网页开发者:
使用 HTML、CSS、JavaScript 与各种网页开发框架等技术构建和维护网站。

移动应用开发者:
为移动设备(如智能手机和平板电脑)开发应用程序,涉及使用苹果或安卓平台。

质量保证（QA）工程师:
通过测试、调试,确保软件质量,关键地识别并修复软件缺陷。

数据库管理员:
管理和维护数据库,确保其安全、高效和合理组织。

项目协调员/经理:
监督和管理软件开发项目,确保它们按时完成并在预算内。

Duration 学程

36 months

Assessment 评估

100% Coursework

100% 课程作业

Entry Requirement 入学标准

Age 16 and above

16岁或以上

Medium 教学语言

Curriculum is in English. Classes are conducted in English & Mandarin.

课程以英文为主，中英双语授课。

Programme Fee 课程费用

1st Semester:	RM	12,500
2nd Semester:	RM	6,000
3rd Semester:	RM	6,000
4th Semester:	RM	6,000
5th Semester:	RM	6,000
6th Semester:	RM	5,000
7th Semester:	RM	5,000
8th Semester:		N/A
9th Semester:		N/A
Total:		**RM 46,500**

Area of Study

I. Programming Fundamentals
- Programming Fundamentals
- Computer Science Essentials
- Data Management

II. Software Engineering Lifecycle
- Engineering Principles
- Design & Architecture
- Methodologies
- Quality Assurance
- User Interface

III. Advanced & Specialization
- System Depth
- Web & Mobile
- Project Management

IV. Capstone & Professional Experience
- Final Year Project
- Industrial Training

学习范围

I. 基础核心学
- 编程基础
- 计算机科学要素
- 数据管理

II. 软件工程生命周期
- 工程原则
- 设计与架构
- 方法论
- 质量保证
- 用户界面

III. 高级与专业化
- 系统深度
- 网络与移动
- 项目管理

IV. 毕业项目与专业经验
- 毕业设计
- 工业培训