

PROGRAMME DESIGN



Software Engineering & Project Management

Software Quality Management
Managing Software Projects
Software Testing and Maintenance

Multimedia Computing

Computer Graphics
Multimodal Interface Design
Stream Electives (choose 1 course)
Computer Vision & Image Processing
Computer Vision for Interactivity
Virtual Reality

Information Security

Internet Security and E-Commerce Protocols
Information Security and Management
Topics in Cybersecurity

Artificial Intelligence

Artificial Intelligence
Machine Learning
Stream Electives (choose 1 course)
Computer Vision & Image Processing
AI Game Programming

Core Subjects

Computer Programming
Internet Applications Development
Data Structures
Algorithms
Software Engineering
Database
Computer Networks
Operating Systems
Computer Organisation
IT Professional Placement
Final Year Project
Seminar Series

Data Science

Fundamentals of Data Science
Data-Intensive Computing
Machine Learning

RECOGNIZED PROFESSIONAL QUALIFICATION

BSc Computer Science is Hong Kong's FIRST bachelor's degree programme in computer science accredited by the Hong Kong Institution of Engineers(HKIE).

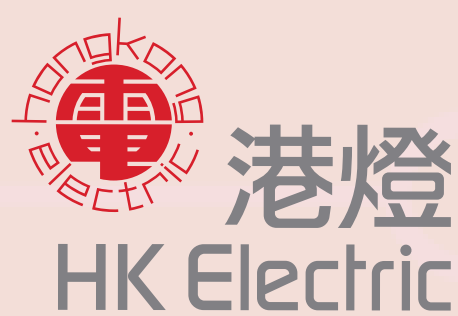


Students are qualified as official member upon graduation.

IT PROFESSIONAL PLACEMENT

- 9-month full-time employment in the computing industry
- 1 day off weekly for taking courses

Employers' Feedback



"He is an intelligent and diligent person with excellent programming and self-learning skills and capabilities. He was able to complete all the assigned tasks using K2 workflow from scratch and all by himself with minimum supervision. Overall performance is excellent."



"He was able to work independently and accomplished tasks in a new and complex system environment. His immediate supervisor, one of our experienced Systems Analysts, showed much appreciation to his good quality of work and excellent working attitude."



"He has consistently demonstrated impressive performance throughout the year. He is reliable, responsible and skillful in handling all assigned tasks and solving complex problems with ease. He is also able to work independently with minimal coaching."



"He worked independently to develop an IOS based mobile application for Siemens to support project site progress reporting via iPhone."

Placement Companies



香港賽馬會
The Hong Kong Jockey Club



Jardines



港燈
HK Electric



醫院管理局
HOSPITAL AUTHORITY



SIEMENS



KUEHNE + NAGEL



新鴻基地產
Sun Hung Kai Properties



Office of the Government Chief Information Officer
The Government of the Hong Kong Special Administrative Region

Students' Feedback

"Placement is an important learning experience, allowing me to apply theoretical knowledge in a professional setting, learning new skills and being exposed to a range of situations and problems. It has enabled me to develop a sense of what it would be like to work as an employee."

"The placement experience has advanced my understanding of programming, after I have been thoroughly involving in an actual work environment. The experience I gained from the professional environment has made me more adept at coding, problem solving, and communication."

"I would like to thank CS department for providing me a valuable learning opportunity to work in a real working place. The placement year is a big milestone in my life - it helps me know more about the role of computer science in life and have a better understanding of myself."

"The technical skills and problem solving capability I learnt from placement have enriched my knowledge and are instrumental in helping me build my future career. I also have a deeper understanding of the structure and functioning of an IT unit, and have more interest in the IT industry."

Note

Offering of the Artificial Intelligence Stream and restructuring of the Multimedia Computing Stream are subject to approval by the relevant University committees.