



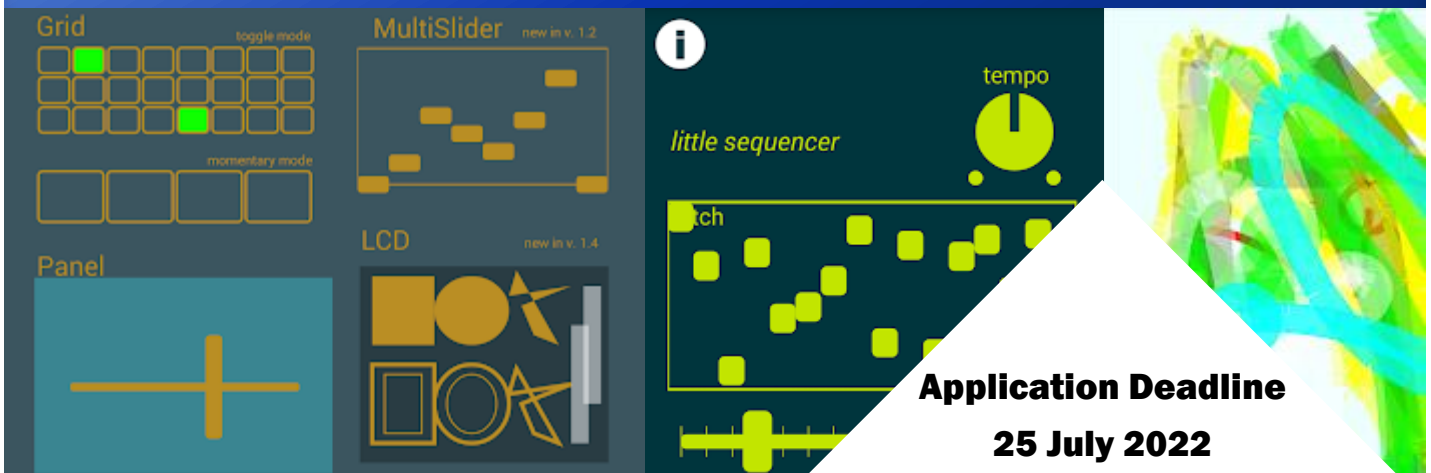
C3COD002C

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Coding Course (Level III)

Music Programming for Mobile Device

Dr CHAU Chuck-jee
(Department of Computer Science and Engineering,
The Chinese University of Hong Kong)



Application Deadline
25 July 2022
12:00 noon

Intended Learning Outcomes

Upon completion of the programme, participants should be able to:

1. explain the basic concepts of programming structures and networking;
2. write a simple music program with PureData;
3. apply sound synthesis techniques to compose a music program;
4. demonstrate creativity and collaboration to complete a creative task in music.



◆ Introduction

The mobile phone can be a musical instrument too! This course aims to offer basic understanding in computer music, sound production and storage, programming syntax, networking ideas, and mobile device interfacing. Students will have fun with creating simple music machines on their own devices to process and produce interesting sounds. No programming nor music background is required.

This programme is under collaboration with Department of Computer Science and Engineering, The Chinese University of Hong Kong.

◆ Schedule

Session	Date	Time	Venue
1	15 Aug	2:00 p.m. – 5:00 p.m.	Room 924, 9/F, Ho Sin Hang Engineering Building, The Chinese University of Hong Kong * (map)
2	16 Aug		
3	17 Aug		
4	18 Aug		
5	19 Aug		

* CUHK campus is complied with the requirement of Phase 3 of the Government's Vaccine Pass scheme. For details, please refer to the latest Government announcement in a timely manner.

◆ Target Participants

- S3 to S6 HKAGE student members in 2021/22 school year only

- Class size: 40

* First-come-first-served.

◆ Pre-requisite

No special prerequisites are needed

◆ Medium of Instruction

English with English handouts

◆ Certificate

E-Certificate will be awarded to participants who have:

- attended at least 4 sessions; AND
- completed all the assignments with satisfactory performance