XinYong(Leo) Yang

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Education

MSc in Computer Science, University of Hong Kong (2015.9-2016.12)

Direction: **Multimedia Computing**

Bachelor of Computer Science, Nanjing University (2011.9-2015.9)
GPA:4.15/5

Skill

Programming languages:
C/C++, Java, python, html, javascript, sql,

Tools/Softwares:
Android studio, Eclipse, Xcode, sublime, Matlab

Platform: *Linux*

Personal Projects

Experiment of Machine Learning

Implement all needed AI algorithms in python with a certain Pacman framework. There are two main models (reflex-agent and multi-agent model). I write an algorithm (minimax) with alpha-beta pruning in multi-agent model.

Simulating and Implementing The multilayer of network

Simulation and implement each layer of the network model with C. And this program is based on the original network. There are IP-layer, TCP-layer and On-layer. Then a chat software was implemented on the network.

Web–based IFTTT (if this then that)

IIFTTT was designed to make users can set trigger things that they want computer to do. It can help users fully use the open API of each web like Weibo and Email. It was implemented with html and javascript. And it is connected to the database with JDBC. When the user logins in, they can set the triggers like sending email to someone in a certain time.

Evaluating the quality of program with code readability

This is the dissertation program during my bachelor. The main idea of it is to adopt different indicators (like indentation and comments) of different open source software. Then I train the data to get a code quality prediction mode by code readability with WEKA

Team Projects

Address book for android

This application is an interactive, real-time updated address book. It is characterized by conveniently and swiftly registering your own personal information after entering a new environment. If users change their contact information, the application can notify others immediately. My job is to design the chart for database and implement the database with sqlite in android

Image uploading and similarity matching

This is android application. There are two main functions in this app. Firstly, it can upload the photo from the phone to the service, and then it can classify photos with their similarity. My job is to compress the photo and then upload it to PHP service by JSon. (Personal code :700 lines)

Link

https://github.com/Leo-Yangren

School Life And Awards

People Scholarship (2012, 2013, 2014)

Like basketball and swim

IELTS: 6.5