

Yangtao Ge

<https://yangtaoge518.github.io/JardinDesCodes/>

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EDUCATION

- **University College London** London, UK
Bechelor of Computer Science; Avg. Score: 66 *Sept. 2018 – Present*
- **University College London** London, UK
Undergraduate Preparatory Certificate; Avg. Score 86 *Sept. 2017 – June. 2018*

PERSONAL SKILLS

- **Programming Language:**
 - **Java:** Excellent Knowledge in Java Back-end developing including Concurrency
 - **SQL & Redis:** Good Knowledge in managing databases under Java framework
 - **JavaScript, HTML & Css:** Good understanding of Website developing
 - **Other languages:** C/C++, Python, Haskell, Shell
- **Other Skills:**
 - **Linux:** Familiar with Linux commands on server terminal
 - **Hardware:** Familiar with Arduino and FPGA with computer Architecture
 - **Multi-Language:** fluent English and Chinese, Communication Level French

WORK EXPERIENCE

- **Skogame Ltd.** Shanghai, China
Mobile Gaming Back-End Developer *Jul. 2019 - Sept. 2019*
 - **Top-up Activity:** Developing the logic of Top-up function with its API which allows player can charge money to buy game currency and Developing other related time-limited top-up activities
 - **Robot Tester:** Developing a robot-user sample and a Tester app for testing the maximum capacity and vulnerability of the game server.
 - **Server Maintaining:** Maintaining the two online servers and inspect both MySQL and Redis databases to ensure the working performance of the game server.
- **University College London** London, UK
Student Mentor *Sept. 2018 - Jun. 2019*
 - **Guiding:** Assisting students as a group of 6 to fit in the environment of university and providing some suggestions based on different circumstances
 - **Academic Mentoring:** Offering a general guide of writing an academic essay and giving advice on their Personal Statement

PROJECTS

- **Visual Mapping App for ANCSSC:** Using an open data set from NGO Aid Map to develop a visual mapping tool which can aggregate data and produce statistical outcomes. (COMP0016 Course Project)
- **Personal Website & Blog:** Building a personal website as a dynamic Resume using HTML & Css and Developing a Blog to record some skills which are recently learnt using Jekyll
- **Patient Management System:** Designing a Java Program both in GUI of Java and on webpages to achieve management of patients and data interaction between SQL databases (COMP0004 Coursework)
- **Light Intensity Detector App:** Using C/C++ to manipulate sensors connected to Arduino which collects data from them and visualize data on a simple app (COMP 0002 Coursework)
- **Single-Cycle Computer:** Builing a simple computer on FPGA board to perform basic functions such as calculation and display with using relavent computer architecture (ENGF 0001 Course Project)
- **Tetris Bot:** Designing a Bot which can automatically play Tetris by developing an algorithm to control the movement of Tetris