| **Shang Chen Li** 李尚宸  (+886) 910131962  cowseer60906@gmail.com  [TreeLand1101](https://github.com/TreeLand1101)  [treeland](https://leetcode.com/u/treeland/)  **Summary**  I am a Computer Science graduate student at National Cheng Kung University. The laboratory researches in network-related fields, such as packet classification. My research specializes in sketch based network measurement, utilizing machine learning to enhance sketch efficiency for real-time traffic analysis. Proficient in C/C++, Python, Git, with experience in developing web systems using MVC architecture. Experienced network administrator at NCKU, focused on handling and resolving network troubleshooting issues.  **Education**  **National Cheng Kung University - M.S. in Computer Science and Information Engineering (Sep. 2023 - Present)**   * **Courses:** Computer Architecture, Digital IC Design (A), Embedded Operating Systems (A)   **National Chung Cheng University - B.S. in Computer Science and Information Engineering (Sep. 2018 - Jan. 2023)**   * **GPA** : 4.04 / 4.3 (Top 18%) * **Courses**: Data Structure (A+), Algorithm (A+), Operation System (A+), Computer Organization (A), Machine Learning (A+), Database Systems (A+), Network Programing (A+)   **Work Experience**   * [CSIE1001] PROGRAM DESIGN(1) TA (Sep. 2023 - Jan. 2024) * Network Administrator, Department of Computer Science and Information Engineering, National Cheng Kung University (Mar. 2023 - May. 2023)   **Project**   * [**Learnedsketch**](https://github.com/TreeLand1101/learnedsketch) **(Forked Project, M.S.)**   + A Learning-based streaming algorithm for frequency estimation that utilizes input characteristics to enhance error performance.   + We utilize a model to identify heavy hitters and allocate distinct buckets to prevent collisions. * [**Acupoint Efficacy Inference from Acupuncture Prescription**](https://zeus.cs.ccu.edu.tw:8443/tcm_latest/AcupunctureIII.do) **(Independence Study, B.S.)**   + The partially ordered relation of the acupuncture points in the prescription was expressed as a directed graph, and used Tarjan's SCC algorithm and Kahn's algorithm to determine the efficacy of the acupuncture points.   + The system is a web system developed using MVC architecture.     - IDE: Eclipse     - Server: Tomcat 7     - Version Control: SourceTree (Git)     - Model: MySQL / View : html、CSS、JavaScript、JSP、JQuery / Controller : Java * [**OX Chess Server (C)**](https://github.com/TreeLand1101/OX-Chess) **(Course Work, B.S.)**   + Developed a multi-client server using socket programming to enable concurrent game sessions. Implemented MD5 hashing for enhanced password security.   **Awards**   * Leetcode contest global ranking top 11.59% (Oct. 2024) * CPE: 4 / 7 (2022-03-22)   **SKILLS**  **Programming:** C/C++, Python, Java  **Frameworks/Tools:** Git |
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