Shao-kan Chu

Software Developer

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🎓 Education

Bachelor Of Science, University of Toronto(St. George Campus)　　　　　2017 – Present
3rd Year Computer Science Specialist, expected graduation: March 2022　　　　CGPA: 3.65
Subject related CGPA: 3.85+

- 2018 Deans List Scholar
- **Revalent Courses:***Machine Learning, Algorithm Analysis, Software Design Principles, Web Programming, System Programming, Database Management, Statistics & Probability*

⚙ Skills

- **Programming skills:** Python, C, Java, Javascript, C#, MATLAB, PostgresSQL, MongoDB
- **Web development:** HTML5, CSS3, Node JS, Jquery, Bootstrap, React, Express.js, RESTful Api
- **Software development:** Android application
- **Tools:** Amazon web services, Git, Latex, Machine learning, Bash scripting, Linux OS, Windows OS, Unix shell commands, Analytic skills

👥 Project/Experience

Android Application Development　　　　　　　　　　　　　　　　10/2018 – 01/2019
Project Title: GameBox
Link: https://github.com/lvuna/GameBox
An Android game platform that contains several mini-games developed using Android Studio.
Java, Firebase, XML　Group projects, collaborated with colleges

- Implemented backend game logic and game's front end design
- Applied MVC and singleton design pattern to reduce coupling
- Handle user authentication and firebase database management

Front end web developer　　　　　　　　　　　　　　　　　　　09/2019 – present
Title: Club web manager
HTML5, CSS3, Liquid, Jekyll, Javascript, JSON　　Web&software developer for club UTACG

- Build the framework from scratch
- Implemented features demanded such as event calendar, posts page, and gallery.
- Uses Jekyll and Liquid as template, serves the website on github.io as static website, and designed the framework such that no coding experience is needed to maintain the website.

Side projects:

- Build Japanese learning React application by making use of GCP's text-to-speech api
- Implemented variants of Linux ext2 file system, extent-based single user file system using fuse lib in C
- Command line based multiplayer word guessing game achieved by C's socket programming

ℹ Miscellaneous

- Home-Blog: https://lvuna.github.io/
- LinkedIn: https://www.linkedin.com/in/shao-kan-chu-639b38173/
- Languages: English - Fluent, Mandarin - Native speaker
- Hobbies: Hiking, Travel, Music, Reading Novel