SHIKAN CHEN

✉ chens24@rpi.edu github.shikanchen@gmail.com · ☎ (518) 505 0694 · in shikan-chen-25a205145

❋ OBJECTIVE

Research Project && Internship

🎓 EDUCATION

Rensselaer Polytechnic Institute, NY, USA   2017 – Present
B.S. in Computer Science (CS) and *B.S.* in Mathematics (MATH) GPA 3.75

♡ SKILLS (NOVICE, INTERMEDIATE, ADVANCED, SUPERIOR)

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Java                              Advanced
JavaScript                        Intermediate
Python                            Intermediate
C++                               Intermediate
PHP                               Novice
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👥 INTERN EXPERIENCE

Huiyou Technology Software Development Lab China   2017 Summer

I participated in development of an anime game news page. I developed the front end and the admin interface, as well as part of the back end. I used Bootstrap for the front end implementation, a combination of PHP and Node.js for the back end implementation.

Global Blockchain Index Research Group of scry.INFO Troy NY   2017 Winter

I created an algorithm for real time analysis of blockchain index in Python. The program can update the global blockchain index for the first 15 most popular cryptocurrencies.

♡ PARTICIPATED RESEARCH

Decentralized medical record sharing system using Blockchain   Summer 2019 (Ongoing)

- Developing a system in which the healthcare data is stored on a secure, permissioned chain greatly increasing the ease of access to information between different hospitals.

Conversational AI for foreign language teaching   Summer 2019 (Ongoing)

- Creating, debugging and testing multi-modal dialogue using IBM's Watson AI tools. This dialogue is built to power AI agents that teach foreign language in an immersive environment.
- Working with a group that integrates this dialogue with the rest of the project and will help in the integration process.

⚙ PERSONAL && RCOS PROJECT

- Collegiate Store+
- MCO-Menu-Checker-Online
- GraphModel : The Pathfinder Project I developed in RPI Principles of Software [github.com/shikanchen/GraphModel]
- Container.js : JavaScript extension to allow users use Container [github.com/shikanchen/Container.js]
- Terminal : Web-based Terminal emulator for Linux [github.com/shikanchen/Terminal]

ℹ MISCELLANEOUS

- Language: English - Fluent; Manderin - Native
- GitHub: https://github.com/shikanchen