Shikan Chen

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🎓 Education

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

♡ Skills

Java, Linux, Git, JavaScript, Python, C++

👥 Programming Experience

Undergraduate Researcher | SCALES of Rensselaer IDEA   2019 Summer - Present
- Researching useful application of smart contract.
- Working on a module for decentralized medical record sharing system using Smart Contract of Blockchain, in which the healthcare data is stored on a secure, permissioned chain greatly increasing the ease of access to information between different hospitals.

Undergraduate Researcher | CISL at Rensselaer   2019 Summer - Present
- 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.

Data Analyst | Global Blockchain Index Research Group of scry.INFO   2017 Winter
- Data synchronization of Global Blockchain Index.
- created an algorithm for real time analysis of blockchain index in Python.

Web Developer | Huiyou Technology Software Development Lab   2017 Summer
- Implemented back end Optimization with Node.js.
- Setup a polyglot environment for back end and database.

♡ Leadership Experience

Co-founder and Co-leader of an Open Source Project   Jan 2019 - Present
- Created project "MCO-Menu-Checker-Online".
- Assisted school dining hall on data transfer.

Founder and Leader of an Open Source Project   Sept 2018 - Dec 2018
- Created project "Collegiate Store+".
- Enhanced the website of school collegiate store
- Implemented Full-dimension Visualization of selling item in collegiate store.

⚙ Personal && RCOS Project

- 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