Hengrui Ren

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PROFESSIONAL SUMMARY

I have good learning ability and attitude, and can focus on learning for a long time. With a creative and dynamic mind, I'm eager to participate in the exploration of new things and technologies especially in deep learning and artificial intelligence.
Last but not least, I'm last always honest by sticking to my promise and always willing to communicate with others or to help them with a great sense of teamwork.

EDUCATION

RENSSELAER POLYTECHNIC INSTITUTE   Troy, NY, USA 12180
Bachelor of Science in Computer Science   August 2022 – Present

- GPA 3.8/4.0
- Dean's Honor List
- Relevant Coursework: Introduction of Algorithm, Data Structure, Linear algebra, Calculus & Multivariable Calculus, Principle of Software, Computer Organization, Differential Equation, Rensselaer Center for Open Source

XIHUA UNIVERSITY   Chengdu, SC, PRC 610036
Summer Session   June 2023 – July 2023

- GPA 4.0/4.0
- BIO 011- General Biology ENG 021 – English Composition ECON 022 – Intermediate Macroeconomics.
- Doing research in the lab on fungi, herbs, and cells, report the behavior and movement of the cells.

EXPERIENCE

SOFTERWARE / MOBILE APP DEVELOPER   Troy, NY, USA 12180
Rensselaer Center for Open Source (RCOS)   January 2024 – Present
https://github.com/hack-rpi/HackRPI-Mobile2023/tree/main

- Design HackRPI mobile app and develop.
- Complete the linkage between front-end and back-end.

COMUPTER SCIENCE MENTOR   Troy, NY, USA 12180
Rensselaer Polytechnic Institute   August 2023 – December 2023

- Attend weekly Office Hour and Lab, help students solve problems in homework and lectures.
- Meet with fellow mentors, teaching assistants and professors every week, explore different teaching methods.
- Assisted 70+ students to learn python and solve their questions.

PROJECT

CONNECT - 4 AI ROBORT   Troy, NY, USA 12180
Rensselaer Polytechnic Institute (Mind and Machine)   August 2022 – December 2022
https://github.com/hengruiren/connect-4.git

- Using decision trees and neural networks to predict connect 4.
- Defeated all human opponents and successfully predicted their behavior.
- Using theories from cognitive science to argue for human thought patterns for AI.

SKILLS

Language: Mandarin, English
Program Language: Python, C / C++, Java, JavaScript, MIPS, Verilog
Developer Tools: Git, GitHub, VS code, PyCharm, Eclipse, IntelliJ, CLion
Others: Photoshop, Lightroom, Office, LaTeX