Songyuan Guo

Software Developer

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929-362-8252

Jericho, NY

Enthusiastic programmer eager to contribute to team success through hard work, attention to detail and excellent organizational skills. Clear understanding of data analysis and training in Python. Motivated to learn, grow and excel in data science.

EDUCATION

Bachelor of Arts in Computer Science
Cornell University

08/2021 - Present   *GPA: 4.06*

PERSONAL PROJECTS

Dungeon Crawler Game (01/2021 - 03/2021)
- Created a procedural maze generator
- Wrote user interaction logic
- Optimized environment rendering

3D Rendering Engine (05/2021 - 07/2021)
- Implemented 3D projection algorithms
- Handled geometric transformations logic

Task Manager Web App (07/2020 - 08/2020)
- Created a web app for handling a list of tasks
- Designed form UI
- Handled sorting logic

VOLUNTEER EXPERIENCE

Volunteer Firefighter
Jericho Fire Department

08/2019 - 07/2021   *Jericho*

Achievements/Tasks
- Followed training in firefighting techniques
- Maintained engines and ambulances
- Organized public events and fundraisers

SOFTWARE KNOWLEDGE

Python Pandas Scikit PIL C++ React

HTML/CSS Java MS Office Linux

LANGUAGES

English
Native or Bilingual Proficiency

Chinese
Native or Bilingual Proficiency

French
Full Professional Proficiency

SKILLS

Problem-solving Algorithm Implementation

Code Documentation Software Development

Software Testing Data Analysis Teamwork