

Suhan Gui

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OBJECTIVE

To obtain an internship or co-op in the field of computer science utilizing my problem solving skills, leadership abilities, and technical expertise.

EDUCATION

Rensselaer Polytechnic Institute | Troy, NY

Graduation: May 2023

Bachelor of Science in Computer Science and Mathematics (Dual): GPA 3.88

SKILLS

C/C++, Python, Java, ReactJS, Django, BeautifulSoup, CSS, HTML, Git, Heroku

PROJECTS

SOC!AL

February 2021 - Present

- Part of a development team creating a web application that aims to help users expand their social circle amidst the pandemic.
- Responsible for developing in-game surveys, feedback forms, interactive & customizable web user interface in ReactJS.

RealPolitik

May 2020 - Present

- Developed a foreign affairs news aggregator application in Django utilizing web scraping from BeautifulSoup.
- Features include a search bar, commenting, profile creation & management, and password recovery.

LEADERSHIP EXPERIENCE

Chinese Language Club

August 2019 - Present

Interim Secretary, Member Coordinator

Planned and mentored interactive club activities to facilitate language connections between members.

Boy Scouts of America

June 2013 - March 2019

Eagle Scout, Patrol Leader, Order of the Arrow Representative

Coordinated, organized, and led troop activities such as camping and volunteer projects as well as teaching new scouts necessary skills of the outdoors.

SELECTED COURSEWORK

- **Intro to Algorithms:** Analyzed runtimes of algorithms and implemented techniques like greedy, divide-and-conquer, and dynamic programming to reduce runtimes.
- **Foundations of CS:** Learned new problem-solving skills and techniques with a focus on discrete mathematics and theories of computation.
- **Data Structures:** Designed and implemented efficient programs built around the C++ standard library and custom data structures.