Nina Gu

US permanent resident | Indianapolis, IN 46202

Enthusiastic and passionate computer science graduate adapts to fast-paced environments. Possess strong analytical and self-learning skills. Effective in both collaborative team settings and self-directed work, with adaptability to diverse team environments and self-motivated learning abilities. Fluent in both Mandarin and English. Currently in the process of acquiring AWS skills and actively working towards Salesforce Certified Administrator certification.

EDUCATION

University of California, San Diego
B. S. Computer Science   *Sep 2021 - Jun 2023*
Coursework: Data Structure, Database System, Artificial Intelligence, Deep Learning, Computer Security
Technical Skills: Microsoft Office suite, Git, GitHub, Visual Studio Code, Java, Python, C/C++, C#, JavaScript, React, JQuery, CSS, HTML5, SQL, NumPy, pandas, MoviePy, BeautifulSoup, REST API

WORKING EXPERIENCE

Maury Boyd & Associates, Inc.   Indianapolis, Indiana
Software Engineer   *Jul 2023-present*
- Customizing web scraping SEO tool to identify and target potential customers
- Extracting and analyzing 1000+ data using python, requests and BeautifulSoup
- Solely responsible for designing and implementing full project lifecycles
- Innovatively building user-friendly GUI, allowing even non-technical team members to harness its power effectively
- Demonstrating strong problem-solving skills in overcoming challenges

RELEVANT EXPERIENCE

Element.AI Competition   Association for Computing Machinery AI
Team Leader   *Feb 2023*
- Led team to implement video game Snake, ranking 5th among 60
- Designed strategies and algorithms to ensure consistent victories for player-controlled bot
- Engineered Artificial Intelligence using Python to optimize bot performance

Powell Puff Planner
Frontend Developer   *Sep 2022 - Dec 2022*
- Developed fully functional planner tailored for quarter system students
- Automated class time input from WebReg for data entry optimization
- Utilized Git for version control and CI/CD pipelines
- Demonstrated communication and problem-solving skills in agile development environment

ConnectMe   Computer Science and Engineering Society
Backend Developer   *Sep 2021 - Dec 2021*
- Specialized social media with no log-in requirement
- Collaborated on backend and database setup using Python, Flask, and Docker
- Achieved first place among six teams

San Diego Chinese Historical Museum   San Diego
CRM Data Maintenance   *Jun 2019 - Dec 2019*
- Provided technical support for the organization, including the setup and maintenance of Outlook printers and copiers to ensure smooth account functionality
- Managed and maintained CRM data for the non-profit using NeonCRM to optimize data accuracy and accessibility