Troy Galicia

702-981-7152 | troygalicia@protonmail.com | Las Vegas, NV
todorotsky.github.io | www.linkedin.com/in/troy-galicia

Education

University of Nevada, Las Vegas   Dec 2023
Bachelor of Science in Computer Science

Profile

Recent computer science graduate with leadership and group programming experience. Eager to apply my technical and teamwork abilities to serve in the professional field for the first time in an entry-level position as a Software Engineer.

Relevant Coursework

Software Engineering
- Coordinated a team of students to program a capstone project within three months in C#
- Learned software development cycles and methodologies, including Agile and Waterfall

Data Structures and Algorithms
- Implemented various sorting algorithms, graph algorithms with data structures in C++

Compiler Construction
- Implemented key components, including scanner, parser, type checker and modifier checker, in Java

Database Management Systems
- Developed and created queries using MariaDB, a database management system closely related to SQL

Linux Fundamentals
- Collaborated with the professor to design, review and structure the course content
- Developed quizzes and homework assignments to teach key concepts, such as Bash Script

Coding Projects

Rhythm Game (Team Lead, C#)   Aug 2023 - Dec 2023
- Won 2nd Place Award for UNLV Senior Design Competition
- Coordinated a team of seven students to develop a Unity video game in C#
- Integrated team code using GitHub for collaborative development
- Coded and designed random procedurally generated levels, game modes and enemy placement

Stock Fundamental Analysis Program   Summer 2022
- Implemented a stock analysis program using Python, Selenium and the BeautifulSoup library
- Utilized AlphaVantage's API to extract information in JSON format and scraped data from Yahoo Finance for any user-specified stock symbol
- Automated financial report ratio calculations

Quiz Taking Automation   Summer 2022
- Developed a web browser automation bot in Python
- Implemented functionality to automatically answer quiz questions on a web platform
- Utilized Selenium's capabilities to interact with DOM and navigate through quiz interfaces
- Saved users' time to collect premium currency for an MMORPG

Technology & Skills

C++ | C | Java | Python | Selenium | HTML | C# | SQL | BASH | Linux | Unity | Git