Bence Garai

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Professional Profile

- **EU citizen**.
- Graduate of Western Governors University with a major in Computer Science. Strong foundation in key computer science areas, and skills in a variety of programming languages and technologies. Seeking a position to apply skills and gain experience.

Education

Bachelor of Science in Computer Science   **Western Governors University**   *Utah, USA*   Graduated: 10/2023

- Relevant Coursework: Data Structures and Algorithms, Discrete Mathematics, Data Management, IT Applications, Network and Security, Computer Architecture, Software Development, Operating Systems, Advanced Java, Back-End Programming

Certifications

- Linux Essentials (LPI)
- ITIL v4

Skills

- Python | C# | C++ | Java | HTML | CSS | Git | MySQL | PostgreSQL | Spring | Angular | Docker
- English | Hungarian | Customer Service | Video Editing

Experience

AI Data Specialist   **Outlier**   *Remote*   08/2024 - Present

- Applied Reinforcement Learning from Human Feedback (RLHF) to enhance the efficiency and accuracy of machine learning models.
- Ensured compliance with legal and ethical standards, focusing on harmlessness, truthfulness, and safety in AI outputs.
- Conducted prompt engineering with diverse parameters, evaluating and optimizing results through detailed assessments.
- Performed quality assurance on analysts' work, including prompts, feedback, conversations, and instruction-following tasks.

Internet Safety Evaluator   **TELUS International**   *Remote*   01/2020 - 10/2023

- Analyzed and provided feedback on text, web pages, images, and other types of information for leading search engines, resulting in the removal of inappropriate content.
- Ensured quality of content and safety of users around the web by viewing and evaluating web content using company-provided guidelines, metrics, and reporting when required.

Customer Service   **Deco Plus Painting**   *Nevada, USA*   02/2017 - 10/2019

- Provided comprehensive product information, processed orders, and delivered quality customer support over the phone, actively contributing to acquisition efforts.
- Cultivated lasting customer relationships through personalized engagement, resulting in both increased customer acquisition and retention rates.

Projects

Custom HTTP Server | C++, Threads, Sockets

- Built a multi-threaded HTTP server from scratch in C++ using socket programming, supporting GET/POST methods, file handling, and gzip compression for efficient data transfer.
- Implemented robust request parsing, dynamic response generation, and concurrent client handling, ensuring scalability and performance.

Movie Recommendation System | Python, Jupyter Notebook

- Applied academic expertise in Data Structures, Algorithms, and IT disciplines to develop a machine learning-driven movie recommendation system.
- Implemented data processing, K-Means clustering, and cosine similarity analysis to optimize movie categorization and recommendations

Pong Game with AI | Python, NEAT

- Developed a Pong game in Python with player controls, scoring, and ball physics.
- Integrated the NEAT algorithm to create an adaptive AI opponent, enhancing the game's challenge and engagement.

Hotel Website | Java, Spring, Angular, Docker

- Developed and enhanced a Spring application with multithreaded language translation, time zone-based messaging, and real-time currency exchange features.
- Utilized Docker to containerize the application, ensuring efficient deployment and scalability.