

Saif Mahmud

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EDUCATION

UNIVERSITY OF MANITOBA

BSc | Computer Science | GPA: 3.07

October 2023

RELEVANT COURSES

Distributed Computing (Python | Java)

SKILLS

Technical Skills

Python • Java • Git • CI/CD

SKILLS

Soft Skills

Communication Skills • Teamwork •

Problem-Solving • Teaching • Leadership

VOLUNTEER

.DEV PROGRAMMING CLUB

Active Member | Winnipeg, MB |

2019-2023

- Engaged with the latest software development technologies and tools.

- Collaborated on team projects focused on Java and Cloud Technologies.

CAREER GOAL

Highly motivated software developer with a passion for leveraging technology for social good seeks the Artificial Intelligence Engineer position at Radical AI for Social Good Lab. Bringing strong Java-based algorithm development experience and a collaborative spirit, I aim to contribute to the democratization of AI and drive positive change through innovative solutions.

PROJECT EXPERIENCE

ATS PASS AI Python | OpenAI API | Meta Llama 2

Winnipeg, MB | January 2024 - Present

- Development of a sophisticated resume automation tool leveraging AI and Machine Learning technologies, directly aligning with the company's focus on AI for Social Good.
- Utilization of advanced AI models and multi-agent technologies to dynamically personalize resumes, showcasing cutting-edge technical, analytical, and problem-solving skills.
- System engineered to extract user data and analyze job descriptions with advanced AI tools like Gemini Pro and RAG Search, achieving over 85% keyword alignment and optimizing resumes for ATS, highlighting expertise in Natural Language Processing and Data Preprocessing.
- Scalable architecture developed to anticipate future needs and adaptations, showcasing foresight, innovation, and a commitment to Ethical AI principles.
- Project repository available on [GitHub](#).

BLOCKCHAIN CAR MILEAGE TRACKER Blockchain | Smart Contracts | Algorithm Development

Winnipeg, MB | January 2023 - Mar 2023

- Developed a Blockchain application for secure tracking and verification of vehicle mileage for insurance purposes, demonstrating skills in algorithm development and data analysis.
- Enhancement of data integrity and transparency, showcasing strong analytical skills and attention to detail, aligning with the company's values of Equitable Progress and Responsible AI.
- Smart contract crafting for tamper-proof mileage recording, enhancing trust in vehicle history and showcasing expertise in Data Preprocessing and secure data management.
- Effective team collaboration for design, development, and testing of the application, demonstrating strong teamwork and problem-solving skills.
- Project repository available on [GitHub](#).

AI PATH FINDING Java | Git | CI/CD

Winnipeg, MB | Jul 2023 - Sep 2023

- Developed a Java-based game utilizing the A* algorithm for AI-driven gameplay, demonstrating expertise in Algorithm Development and AI principles.
- Utilized Git for efficient version control and collaboration, highlighting experience with collaborative software development practices.
- Implemented CI/CD practices, resulting in a 50% reduction in deployment time and showcasing a commitment to efficient and innovative development processes.
- Enhanced problem-solving and analytical skills through the implementation of the A* pathfinding algorithm.
- Applied fundamental software development and testing processes to ensure robust application performance, aligning with the company's value of delivering high-quality solutions.
- Project repository available on [GitHub](#).