Zahra Karandish

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EDUCATION

DEC in Computer Science | Lasalle College | Montreal, Canada | **2024**
M.A in Philosophy | Boğaziçi University | Istanbul, Turkey | **2019**
M.A in Philosophy | University of Tehran| Tehran, Iran | **2013**

EXPERIENCE

Artificial Intelligence Developer Intern | **Stealth Startup** | **Montreal, QC**   **May 2024 - Present**
- Responsible for building the entire backend for an AI Automation chat interface and leveraged both Node.js and Django for key features.
- Implemented a custom algorithm to detect user intent and translate their query in automated sequence.
- Contributed to the acquisition of the startup's first two customers by delivering an effective AI solution.
- Worked with LLamaIndex, Langchain, and Workflow engine modeling.

Software Developer Intern | **Noorano** | **Tehran, Iran**   **November 2013 - March 2014**
- Identified and resolved over 12 bugs in the Java codebase to enhance overall software quality, using strong problem-solving and debugging abilities.
- Utilized GitHub as the primary version control system, effectively managing code, tracking changes, and facilitating adherence to a structured agile development process.
- Engaged in code reviews, providing suggestions to team members, resulting in improved code quality.

Teaching Assistant | **University of Tehran** | **Tehran, Iran**   **September 2013 – Jun 2014**
- Mentor over 275 Introduction to Modern Logic students, explaining challenging concepts to Philosophy major.
- Assisted the professor in preparing and delivering course materials.
- Developed supplementary instructional materials to enhance students' understanding of modern Logic.

PROJECTS

SchedMaster Web Application – **C#** | **JavaScript**   **2023**
- Collaborated with a team of 2 and developed a fully functional web application with a dynamic **Javascript-based** front-end.
- Utilized ASP.NET MVC with Entity Framework (DB First Approach) for backend operations.
- Designed and managed a relational database to store back-end application state.
- Earned recognition from the teacher for delivering the best project among 20 students, excelling in database design, backend and frontend design, and data flow.

FlushFind Mobile Application – **Android** | **Java**   **2023**
- Developed an Android application enabling users to locate and navigate to nearby selected public washrooms.
- Implemented Google API for location services and navigation.
- Utilized Firebase database for real-time data storage and synchronization.
- Followed agile methodologies throughout the development process.

TECHNICAL SKILLS

Programming Languages: Java, Python, C#, C++, JavaScript.
Software/Platforms: React, Node.js (Express.js), Django, Flask, Git.
API Development: RESTful APIs, Google APIs, GPT API, WebSockets.
Databases: MongoDB, SQL databases (e.g. MySQL, PostgreSQL).