Mehrnaz Sadroleslami

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INDUSTRY EXPERIENCE

DAYFORCE | Fullstack Software Developer Intern
Jan 2024 - Present | Toronto, ON (remote)
- Contributed to the development of an internal e2e testing web application using a JavaScript front-end and C# ASP.NET back-end REST API, significantly enhancing the testing process.
- Authored unit and system tests with Specflow and Cypress, with over 80% code coverage, ensuring software quality.
- Utilized GitHub for version control and code reviews and employed Azure pipelines for automated testing and deployment, streamlining the development workflow

AMAZON | Software Development Engineer Intern
Summer 2023 | Vancouver, BC
- Collaborated with the Alexa home products team to develop a high-impact feature for Alexa devices, addressing 20K+ customer requests in Java, leveraging AWS services.

UBISOFT | Junior Programmer
May 2022 - Aug 2022 | Winnipeg, MB
- Collaborated with the team during the development of the Rainbow Six mobile game using Agile methodology and tools such as Jira and Confluence.
- Worked on a Unity Engine Project utilizing the DOTS framework, debugged ECS code, Profiled the CPU performance of the game, and participated in code reviews using Swarm.
- Used the Perforce version control system, Jenkins build pipeline and existing in-house tools during production to fulfill the project objectives.

UNIVERSITY OF MANITOBA | Developer Intern
May 2021 – Dec 2022 | Winnipeg, MB
- Initiated the design and implementation of an iOS application to automate research participants' assessments and eliminate human errors from data collection.
- Developed and built the "Test Accelerate" app in Xcode to enhance the work efficiency of the staff, saving over 30,000 $ annually from the research budget.
- Developed and published a 3D iOS game, 'Specialhood' in Unity for the purpose of improving the spatial memory of Alzheimer's patients or people with dementia.

UNIVERSITY OF MANITOBA | TA/Grader
Sept 2021 – Apr 2022 | Winnipeg, MB
- Utilized effective communication skills in assisting and mentoring individuals or groups of students in classes of 25-30.
- Marked over 500 assignments in Java and C language with high accuracy and attention to detail.

PERSONAL PROJECTS

COOP OFFICE WEB PORTAL
- Designed a web portal for the Coop offices of the University of Manitoba to automate the student-employer rank-match process. Node Js., HTML, CSS, PHP, and MYSQL are the programming languages used to design this portal.

EDUCATION

UNIVERSITY OF MANITOBA
May 2019 - Dec 2024 | Winnipeg, MB
Bachelor of Science, Computer Science – Statistics Joint Honours (Co-op)

SKILLS

Tools: VS & VS Code • XCode• GitHub Desktop• Perforce• Eclipse• Unity• Android Studio• Jira• Swarm• Jenkins
Languages and Databases: C# • Java • C/C++ • JavaScript• NodeJs • PHP • Swift • SQL/MySQL • Python • HTML • CSS • R • Assembly • MongoDB • MATLAB