

Jonathan Andrei

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Skills

Programming TypeScript, JavaScript, Java, Python, C#, C++, C, Ruby, HTML, CSS, PowerShell

Web React, Node.JS, Express, SQL, MongoDB, Jest, Flask, .NET Core, ASP.NET

Graphics Unity, OpenGL, Unreal Engine, Blender

Methodology/Tools: Agile, DevOps, Trello, Git, Docker, Kanban

Languages English, French

Experience

Cirque du Soleil

Montreal, Canada

SERVICENOW DEVELOPER

June 2023 - present

- Implemented the WSD module enabling users to reserve a desk space via both the ESC portal and the Now Mobile app, utilizing an interactive floor plan.
- Modernized ServiceNow catalog items by automating approval requests and creating order guides, including those tailored for new hires, to consolidate all provisioning item requests in one accessible location.
- Implemented a custom ServiceNow solution to automate the onboarding and termination processes within the company. This solution involved integrating SuccessFactors with ServiceNow, streamlining HR operations and ensuring efficient management of employee lifecycle events.

IBM

Montreal, Canada

PROJECT MANAGER - SERVICENOW

May 2022 - Apr 2023

- Project manager of multiple technical projects involving integrations with ServiceNow, such as Watson AI Ops, SevOne, and QRadar, for clients across various industries including telecommunications, healthcare, and finance.
- Tracked the implementation progress of ServiceNow configurations, including ITSM, CSM, and ITOM (Discovery and Event Management).
- Achieved ITIL 4 certification, as well as ServiceNow Certified Application Developer and Certified System Administrator certifications.

Concordia University

Montreal, Canada

RESEARCH ASSISTANT

Jan 2022 - May 2022

- Created a cross-platform C++ app to read IMU sensor data, such as roll, pitch, yaw, quaternion, acceleration and angular velocity data.
- Visualized quaternion data by applying rotations on a model with OpenGL.
- Achieved 99% accuracy in sensor data readings by comparing to a predefined benchmark.

Sphera

Montreal, Canada

DATA DEVELOPER

June 2021 - April 2022

- Developed mapping specifications using C# and the Entity Framework to optimize data access.
- Used efficient SQL queries to maintain and verify data.
- Reduced production building time by 30% and improved overall software development efficiency.

Education

Concordia University

Montreal, Canada

BACHELOR OF COMPUTER SCIENCE (BCOMPSC), INDUSTRIAL EXPERIENCE (INEX), MINOR IN LANGUE FRANÇAISE

2017 - 2022 Winter

- Graduated with Distinction
- *Some Courses:* Data Structures and Algorithms, Advanced Program Design, Artificial Intelligence, Operating Systems, Databases, Data Communication and Computer Networks, Principles of Programming Languages, Object-Oriented Programming II

Project(s)

Built Motion Capture Hand

Github

C, PYTHON

Sept. 2021 - Dec. 2021

- Retargeted quaternion data from an IMU sensor and flex sensors onto a skeleton hand, using Blender's API to match physical and virtual movement.
- Interacting with an Arduino Uno, using C to acquire and pre-process the required data from the sensors.