

Sina Khodaveisi

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EDUCATION

Computer Engineering Technology - Computing Science

Algonquin College

09/2022 – present
Ottawa, Canada

- Second year student with completed coursework in: C Language, C++, Java and Object Oriented Programming, Algorithms and Data Structures, Software Design Principles, Database Systems, Processor Architecture
- Completed projects such as Compiler using C, and Inventory Management with Java
- Achievements: **Technata Hackathon Finalist** and **Dean's Honour List**

Certificates from Google, University of California and Codio

Coursera and LinkedIn

Online

- Certificates for: Internet of Things and Embedded Systems, The Arduino Platform, The Bits and Bytes of Computer Networking, C++ Basics, Learning C++

PROFESSIONAL EXPERIENCE

Owner & Frontend Developer

WeDigital Minds Ltd.

12/2022 – 08/2023
Ottawa, Canada

- Managed a digital agency specializing in website development
- Designed and **built over 10** visually appealing and highly functional **websites using React.js**.
- Prioritized user experience, optimizing websites for speed to 100% PageSpeed factor.
- Actively managed business operations alongside front-end development.

Data Analyst

Neatalia Ltd.

09/2022 – 05/2023
Ottawa, Canada

- Analyzed marketing data for an Amazon seller business, generating reports on profit and loss.
- Utilized **Jira** and worked in an **Agile environment** to provide insights and recommendations.

Freelance Developer

Upwork

12/2021 – 08/2022
Ottawa, Canada

- Completed **20 programming projects** for clients from various industries, demonstrating expertise in software development and scripting.
- Created software applications, created custom scripts for task automation, and integrated third-party APIs.
- Proficient in Bash, HTML, CSS, JavaScript, Python programming, and scripting.
- Consistently delivered high-quality results, earning **14 positive feedback from clients**.

SKILLS

Programming Languages and Skills:

C, C++, Python, Bash, Algorithm, OOP, React.js, JavaScript, Software Design Principles, Agile

Tools:

Docker, Kubernetes, Jira, Git, Github, JUnit, Selenium, Jenkins, Linux, Pytest, Database

PROJECTS

Redis from Scratch in C++

<https://github.com/sinasun/redis-from-scratch-cpp>

- Developed a Redis server from the ground up, mastering low-level networking and event loops.
- Implemented data structures like hashtables and AVL trees while gaining knowledge of multithread tasks.

Python Network Health Monitoring with DevOps Automation

<https://github.com/sinasun/network-health-monitoring-python>

- Utilized Python, Git, Jenkins, and Github Action interfaces for network health monitoring.
- Gained expertise in Python programming, Git for version control, Jenkins for continuous integration.

Task Scheduling Optimizer in Java

<https://github.com/sinasun/task-scheduling-optimizer>

- Practical software development for task allocation and scheduling optimization.
- Highlighting problem-solving and optimization skills to enhance organizational productivity.