

Omar Abotahoon

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WORK EXPERIENCE

Project Manager

Ottawa, ON

Centre for Entrepreneurship and Engineering Design (CEED)

Sep 2022 – Apr 2023

- Oversaw and managed a **virtual reality padel ball tracking project** throughout its entire lifecycle.
- Facilitated **requirements gathering, risk management and assessment**, developing **design criteria**, producing **prototypes**, and **evaluating project performance**.
- Created an **inclusive** and welcoming **collaboration environment** and **coordinated tasks** with the project clients.

Cloud Infrastructure Engineer COOP

Ottawa, ON

Canada's Centre of Excellence in Next Generation Networks (CENGN)

Jan 2022 - Aug 2022

- Worked with cutting edge technology such as **Docker, Kubernetes, Cloud technologies including OpenStack, Azure and AWS**.
- Leveraged the **Atlassian tool set (JIRA, Confluence, BitBucket)** for managing the work progress and collaborating on projects with co-workers.
- Used **Python, YAML, Ansible** and **REST APIs** to develop a proficient script used to automatically deploy **Hybrid Cloud** environments.
- Developed software solutions in a **DevOps** culture using **Scrum Agile** methodology including **sprints**, daily **standups**, and **sprint retrospectives**.

System Administrator COOP

Ottawa, ON

Agriculture and Agri-Food Canada

May 2021 - Aug 2021

- Created a sophisticated **storage management system** using bash scripting.
- Wrote various **automation scripts** and created complex **pipelines** using Bash shell scripting in a Linux environment.
- Implemented the **Software Development Life Cycle** while developing the storage management system.

SKILLS

- **Programming** - (Python, Java, HTML, CSS, JavaScript, C++, Data Structures and Algorithms)
 - **Project Management** - (Wrike, Atlassian Tool Set, JIRA, Confluence)
 - **Databases** - (SQL, MySQL, PostgreSQL, Relational databases)
 - **Cloud Computing and Virtualization** - (Azure, AWS, OpenShift, Kubernetes, OpenStack, Docker)
 - **Data Analytics and ML** – (NumPy, Pandas, MATLAB, Tableau, TensorFlow)
 - **Version Control and Collaboration tools** - (Git, GitHub, Bitbucket)
 - **Microsoft 365/Office** - (Excel, Word, Powerpoint, OneDrive)
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- **Communication and Teamwork**
- **Organizational Skills**
- **Leadership and Initiative**
- **Problem Solving and Critical Thinking**

EDUCATION AND CERTIFICATIONS

Bachelor of Software Engineering - (4th year)

Sep 2020 - Dec 2024

University of Ottawa

- Azure Fundamentals (AZ-900) – Microsoft Certificate
- CENGN Cloud System Specialist

PROJECTS

SMART PARK Website - <https://smrtpark.github.io>

- Worked on a team to design an **appealing website** for an imaginary car parking service using **HTML, CSS, and JavaScript**

SURFRIES Website

- Acted as the project manager and led the project through **initiation, planning, execution, monitoring/controlling and closure**.
- Defined **project scope**, gathered the appropriate requirements created a project plan.