



CURRICULUM VITAE

uOttawa

RESUMÉ

Last Update: September 2, 2024

PERSONAL INFORMATION

Hadi Bachrouch

1725 Riverside Dr Apt 801

Ottawa (Ontario)

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hbach089@uottawa.ca

Student N°

300118484

Language of correspondence

ENGLISH

ACADEMIC DATA

Program of studies

**Bachelor of Applied Science
Computer Engineering**

Year Level

4

Hadi Bachrouh

LANGUAGE SKILLS

Language Name	Oral Communication	Written Communication	Comprehension Level
French	Fluent	Fluent	Fluent
English	Fluent	Fluent	Fluent
Arabic	Fluent	Beginner	Fluent

EDUCATION

September 2020 - April 2025	Computer Engineering University of Ottawa Knowledge of software programming principles and best practices, software development lifecycle, data structures, queries
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SKILLS

Organizational skills	Ability to gather complex requirements and break them down into small goals to incrementally progress to develop a solution to address the requirements of the project.
Autonomous	Results oriented problem solver with ability to take initiative and support the team to achieve goals
Computers	Technical skills: Flask(python),SocketIO(python and JavaScript), NodeJS(Express JS),AndroidStudio(Java), Bootstrap(CSS), pgAdmin(PostgreSQL), SQLite, Firebase(NoSQL), Ubuntu, OracleVMware, RaspberryPi, AJAX, JQuery. GitHub link: https://github.com/hbach089

WORK EXPERIENCE

May 2023 - August 2023	Wireless Systems Engineer RCMP
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Internship I did during the 2023 term at the RCMP where I worked as wireless systems engineer. Below are the skills that I acquired.

- Leveraged Linux network commands to perform penetration testing, enhancing system security and vulnerability detection.
- Configured CentOS systems via terminal to improve system resource management.
- Deployed AirDefence AP140C sensor for Wireless Intrusion Detection and Prevention Systems (WIDS/WIPS), using various commands to detect potential Wi-Fi and Ethernet exploits, strengthening network security.
- Interfaced Raspberry Pi with components like LCD displays through GPIO pin configuration and circuit building, enabling custom hardware solutions.
- Conducted penetration testing of access points and their vulnerabilities using Kali Linux VM, leading to improved network performance and security.
- Tested server using Python with Flask to send POST requests for testing.
- Managed virtualized environments with VirtualBox and VM Player, ensuring stable and scalable system operations.
- Applied networking tools such as SSH and ARP scan, with a solid understanding of DHCP, static IP principles, UDP, and TCP protocols, to optimize network communication and performance.
- Configured and hosted email services and servers using email libraries like smtplib, ensuring reliable and automated email communication.

October 2023 - August 2024

IT analyst

Shared Services Canada

Internship I did at SSC where I worked as an IT analyst. The team I was part on was responsible for IT service management (ITSM) and managing service requests.

Below are the skills that I acquired.

- Developed a Jira reporting dashboard to track weekly operations change requests, providing management with real-time insights and improving decision-making.
- Developed innovative solutions for a streamlined catalogue view, which enhanced user accessibility and service efficiency.
- Improved the functionality and user interface of the Serving Government service catalogue, resulting in a more efficient and user-friendly platform.
- Suggested and implemented design improvements, leading to a more intuitive client and user experience.
- Presented complex service information more accessibly by applying content structuring techniques using templates, which provided a smoother user experience.
- Communicated regularly with IT professionals and stakeholders using Jira, enhancing project alignment and stakeholder satisfaction.
- Applied ITIL4 IT service management best practices in supporting SSC Onyx and Serving Government tools, which streamlined SSC Service Portfolio Management and SCM operations.

REFERENCES

Farah Shakil
IT manager
Shared Services Canada OSCB Branch
My manager at SSC.
343-542-4541
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Harshan Anton
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RCMP
My supervisor at RCMP
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Mise à jour : 2 septembre 2024

RENSEIGNEMENTS PERSONNELS

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N° d'étudiant

300118484

Langue de correspondance

ANGLAIS

RENSEIGNEMENTS SCOLAIRES

Programme d'études

**Baccalauréat ès sciences appliquées
en génie informatique**

Année d'étude

4

Hadi Bachrouh

COMPÉTENCES LINGUISTIQUES

Langue	Expression orale	Expression écrite	Niveau de compréhension
Français	Avancé	Avancé	Avancé
Anglais	Avancé	Avancé	Avancé
Arabe	Avancé	Débutant	Avancé

Études

COMPÉTENCES

Sens de l'organisation

Autonomie

Informatique

EXPÉRIENCES DE TRAVAIL

RÉFÉRENCES

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Harshan Anton
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