# Nicolas Espitalier

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**Languages**: French and English

## OBJECTIVE

Excellent problem solver and avid computer science student currently looking for an internship in software development or in information technology. Ready to use my technology knowledge, programming skills and passion to advance the company's mission with a positive attitude.

## EDUCATION

### Bachelor in Software Engineering

École de technologie supérieure                                    Since Fall 2022

### Computer Science and Technology

Collège Champlain Saint-Lambert                                    May 2022

## SPECIFIC KNOWLEDGE

**Programming languages:** C#, Java, Python, NodeJS, NPM, TypeScript, JavaScript, React, AngularJS, HTML5, CSS3 and jQuery.

**Application for software development:** IntelliJ, Visual Studio, Visual Studio Code, GitHub, Git Bash, JIRA, Docker and Microsoft Azure.

**Database management:** Oracle, SSMS and Azure Data Studio.

**Development technique and methodology:** Microservices, test-driven development (JUnit 5, Mockito, Hamcrest, Selenium, JaCoCo and Swagger), agile methodology, design patterns and GRASP patterns.

**Mobile Development**: Android Studio and Xamarin.

**Application for IoT development:** Arduino and Raspberry Pi.

**General computer knowledge:** Word, PowerPoint, Excel, Visio, Photoshop, Microsoft Teams and Slack.

## PROFESSIONAL EXPERIENCE

**Tech Support / Junior**                                    Spring 2023

Transport Canada, Dorval                                    (internship)

- Install computer equipment for workers.
- Configure laptops, tablets, and phones.
- Assist customers in resolving software issues.
- Maintain machine inventory.

**Full-stack developer**                                    Spring 2022

NexOne, Saint-Hubert                                    (internship)

- Fix bugs in software.

- Find bugs and report them to Jira.
- Use GitHub to share bug fixes in the appropriate branch.

## WORK EXPERIENCE

**Forklift driver** Summer 2021

Cargill Foods Limited, Chambly

- Drive forklifts in the factory warehouse.
- Assist workers in the department when needed.
- Scan the products and store them in the warehouse.

**Associate** Summer 2020 - Summer 2021

Staples, Candiac

- Participate with other Customer Service Associates
- Help the store IT specialist in the technological section.
- Maintain store and shelves in order.
- Clean and store products.

**Temporary Worker** Summer 2019

Storcan, Châteauguay

- Categorize more than 10 000 images in different company files.
- Organize the images according to the date taken and to the categories of conveyors.

## STUDY PROJECTS

**Software design for Benoit et Côté** 2021

- Programming the main components of the software.
- Programming tests for quality assurance.
- Respect customer requests.
- Make presentations and write up the project.

**Groupe software design for practical purposes** 2021

- Programming the main components of the software.
- Participate in daily meetings to simulate agile development.
- Fix bugs in software.

## ACTIVITIES AND LEISURE

**Robotics Club** 2024

Capra Robotics, École de technologies supérieure

- Collaborated with a team to develop and implement autonomous robot behavior algorithms
- Designed and integrated vision system components, including camera calibration and image processing
- Contributed to software development using ROS (Robot Operating System) and Gazebo.
- Gained hands-on experience with sensor integration and real-time control systems