

# Nicholai Ponomarev

+1(613) 863-1280 | [nick.pono1@gmail.com](mailto:nick.pono1@gmail.com) | [portfolionp.com](http://portfolionp.com)

## Profile

Result-driven and ambitious Software Engineering student with demonstrated experience in developing new software, updating existing software, and improving software performance. Looking to obtain a co-op position for May-August 2023.

## Education

**Carleton University** | Ottawa, ON

Expected Graduation Winter 2025

Bachelor of Engineering, Software Engineering w. Co-Op & Minor in Sociology – 3<sup>rd</sup> Year Standing

- CGPA: 10.06/12.
- **Courses:** Computation and Programming, Foundations of Imperative Programming, Data Management, Introduction to Computer Organization and Architecture, Introduction to Digital Systems, OO-Software Development, Algorithms and Data Structures, Machine Learning, Linear Algebra.

## Skills

- **Programming Languages:** C, Golang, Rust, YAML, Java, Python.
- **Operating Systems:** Linux, MS Windows, macOS, iOS.
- **Development Tools/Platforms:** GitLab, GitHub, Jira, Confluence, Docker, Kafka, ELK (Elasticsearch, Logstash, and Kibana), Black Duck.
- **Methodologies:** Agile, SAFe.
- **Other:**
  - Punctual and professional, work efficiently and effectively in team settings.
  - Excellent oral and written communication skills.
  - Trilingual: English | French | Russian.

## Work Experience

**Co-op Software Developer** | Thales Group (Ottawa, ON)

May 2022 – January 2023

- Worked in an AGILE/SAFe team environment.
- Developed POCs demonstrating the concept of deploying a Golang logging library in C and Rust apps.
- Created and archived code documentation on Confluence.
- Utilized Jira to track current and future stories, tasks, and issues.
- Practiced the CI/CD method to introduce automation into the development process.
- Built Docker images using Dockerfile(s) to set up and run Kafka clusters as well as execute multi-architecture builds for various programs.
- Utilized and deployed cyber security and static analysis tools into projects such as Black Duck.

## Projects

**FiitTrack** – Ongoing

- In process of being developed using React Native for both iOS and Android platforms.
- Mobile application to track fitness progress and log workouts.
- Users can create their own custom account and input details.

**Photo Filter Software** – Completed 2021

- Developed using Python. Leveraged Carleton's 'Cimpl' image manipulation library.
- Primary function is to take any image, JPEG, PNG, etc., and process image according to user-desired specifications such as 'Black & White', 'Color Inverse', etc.
- Exports final image back to original file location with desired file name.