

# Andrei Petrisor

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🔗 [github.com/petri2212](https://github.com/petri2212) | [in](#) [Andrei Petrisor](#)

## Education

**Università degli Studi di Bergamo**

B.S. in Computer Science and Engineering | [course](#)

Expected graduation date: Sep. 2025

**Bergamo, Italy** - Sep. 2022 - Present

Relevant Courses taken: **Programming(C++ & Electronic Calculators)**:4.0 GPA, **Programming (Java)**:4.0 GPA, **Economics and business organization**:4.0 GPA

## Experience

**Carbon Factory**

Aug. 2023 - Present

**Brembo S.p.A. Part-time**

*Leadership, Teamwork*

- Occupation to be able to pay for my own studies. (NOT IT domain)
- Industrial oven supervision: supervision of plc's and inverters that control furnace parameters.

## Projects

**My Shelfie - Digital Edition**

**Apply OPP programming to digitize an existing game**

*Git · Design Patterns · Java Swing · Java*

- This project is about the digitalization of the game "My Shelfie" from Cranio Creations taking advantage of object programming in Java.
- We used inheritance with MVC pattern implementation and proxy pattern implementation, Furthermore, we used collections and generics(e.g., Matrix).

**Forest-Fires**

**This project is about the analysis of data from a dataset concerning fires in Portugal.**

*Git · R · Latex*

- We will use linear regression techniques to study a given response variable (Y) as a function of the other explanatory variables available in the dataset (covariates, X).
- Identification of models best suited to describe Y based on knowledge of linear and generalized regression models, comparison of models found and any other criteria.

**Asynchronous serial transmission**

**Electronic Calculators' project for transmission of ASCII characters**

*Git · Assembly*

- This project consists of creating a system based on the MIPS R2000 microprocessor that transmits ASCII characters
- The ASCII characters are saved in a transmission buffer, depending on the different operations performed on the bits, the system will take longer or shorter to complete the cycle.

## Certifications

**IT:** Cisco ITN, Cisco IT essential, Javascript Fundamentals(sorint.lab)

## Skills

**Technologies & Tools:** Java, Javascript, PHP, C++, SQL, HTML, CSS, R, MySQL, NoSQL, Git, Linux

**Languages:** English(B2 Proficiency), Italian(Native),Romanian(Native)