

# Blaz Korecic

## SUMMARY

Currently pursuing a Master's degree in Computer Science. Interested in software development, security, low-level programming, algorithms and data structures, mathematics, and education.

## EDUCATION

- **Universidad de Chile** Santiago, Chile  
*Computer Science Engineering* 2018 – Present
- **Universidad de Chile** Santiago, Chile  
*MSc. in Computer Science* 2024 – Present

## EXPERIENCE

- **Inria** Paris, France  
*Research Intern* January 2024 – April 2024
  - Three month internship in the Inria-AIO team.
  - Participated in various academic projects, including topics like hardware security, embedded systems, IoT and multi-robot systems.
- **Millennium Institute Foundational Research on Data** Santiago, Chile  
*Software Engineering Intern* January 2022 – February 2022
  - Modernization of a C++ project.
  - Reimplementation of compression and search algorithms for large string dictionaries.
- **SARCAN** Santiago, Chile  
*Software Engineering Intern* January 2021 – February 2021
  - Development of a web application for performing CRUD operations on a database and interacting with an optimizer.
  - Creation of a static website built with Hugo for internal company documentation.
- **Easy Program Checking** Santiago, Chile  
*Developer* August 2020 – January 2021
  - Open source web application created with Django used for the grading of students' assignments in computer science subjects.
- **Preuniversitario José Carrasco Tapia** Santiago, Chile  
2020
  - Volunteered as mathematics teacher at an institution that assists economically disadvantaged students in accessing higher education.
- **Brazilian ICPC Summer School** Campinas, Brasil  
January 2020
  - Participated in the ICPC Brazil Summer Camp, World Finals class.
- **Universidad de Chile** Santiago, Chile  
*Teaching Assistant* 2020 – Present
  - CC4005 Competitive Programming (2021 to 2024).
  - CC3101 Discrete Mathematics for Computer Science (2023).
  - CC3301 Systems Programming (2021 and 2022).
  - CC3003 Algorithms and Data Structures (2020 and 2021).

## ACHIEVEMENTS

- **International Collegiate Programming Contest**

*Competitor*

- **ICPC 2023:** Placed 7th in the South America/South finals. Second place in Chile. Qualified to the 2024 ICPC Latin America Championship in Guadalajara, Mexico.
- **ICPC 2021:** Placed 6th in the South America/South finals. First place in Chile.
- **ICPC 2019:** Placed 16th in the South America/South finals. Third place in Chile.
- **ICPC 2018:** Placed 31st in the South America/South finals. Sixth place in Chile.

- **IEEEExtreme**

*Competitor*

- **IEEEExtreme 15.0:** Placed 21st out of 2402 teams worldwide.
- **IEEEExtreme 13.0:** Placed 116th out of 2534 teams worldwide.

## SKILLS

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- **Programming:** C, C++, Python, Java, SQL, Javascript, Bash, Scheme, OCaml.
- **Frameworks:** React, Django, Flask, Qt.
- **Other:** Docker, Linux, Git, PostgreSQL, NoSQL, Firebase, AWS, DigitalOcean.

## LANGUAGES

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- **Spanish:** Native
- **English:** Advanced