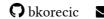
Blaz Korecic





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



Universidad de Chile Santiago, Chile Computer Science Engineering 2018 – Present

• Universidad de Chile Santiago, Chile

MSc. in Computer Science 2024 - Present

EXPERIENCE

Paris, France Inria

Research Intern January 2024 – April 2024

 $\circ~$ 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

January 2021 – February 2021

January 2022 – February 2022 Software Engineering Intern

• Modernization of a C++ project.

• Reimplementation of compression and search algorithms for large string dictionaries.

 SARCAN Santiago, Chile

Software Engineering Intern

• 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

 Volunteered as mathematics teacher at an institution that assists economically disadvantaged students 2020 in accessing higher education.

· Brazilian ICPC Summer School

Campinas, Brasil

• Participated in the ICPC Brazil Summer Camp, World Finals class.

January 2020

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.

• IEEExtreme

Competitor

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

SKILLS

- **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

Spanish: Native English: Advanced