

Blaz Korecic



SUMMARY

Final-year student of computer science engineering. Interested in software development, security, low-level programming, algorithms and data structures, mathematics, and education.

EDUCATION

- **Universidad de Chile** Santiago, Chile
Computer Science Engineering March 2018 – Present

EXPERIENCE

- **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, 2022 and 2023).
 - 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 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

- **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