David **Ibáñez**

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22 years old Engineering in Computer Science student at University of Chile, and self-taught developer. Zealous about software engineering from early age, currently interested in software development, formal language semantics, systems architecture and education.

Education

Engineering in Computer Science   *Mar 2020 - Present*
Faculty of Physical and Mathematical Sciences, University of Chile   *Santiago, Chile*

Professional Experience

Software Developer   *2023 - Present*
t14 Consulting   *Remote work*
- Design and implementation of custom made software, primarily in Java.
- **FACT**: Design and implementation of batched requests fpr high throughput in Apache Camel.
- **Levers NetChange**: Optimization of Snowflake requests for small table changes, analysing SQL queries to minimize requests to Snowflake.

Apache Camel   Apache Kafka   Snowflake   Spring

Teaching Assistant   *Jul 2022 - Dec 2022*
University of Chile   *Santiago, Chile*
- CC4005: Competitive Programming. Giving lessons, grading, and making evaluations

Full-Stack Intern   *Summer 2019*
Simple Data Corp.   *Santiago, Chile*
- Designed and implemented modifications to existing dynamic forms module.
- **Technologies**: PHP, CodeIgniter 3, JQuery, RabbitMQ, Postman, Linux tools.

Projects & Associations

Treasurer & IT Manager   *2023 - Present*
Student Council of the Department of Computer Science (CaDCC)   *Santiago, Chile*
- Treasurer only in the period 2023.
- Managing CaDCC's own server and it's services.

Archievements

2022	**Place ??/??**, International Collegiate Programming Contest South America/South Finals	*Coquimbo, Chile*
2021	**Place 30/63**, International Collegiate Programming Contest South America/South Finals	*Valparaíso, Chile*
2019	**Place 11/153**, Chilean Olympiads of Informatics (OCI)	*Santiago, Chile*

Skills

Languages	English	Spanish
Programming	Java	Groovy	C/C++	OCaml	Python (Pandas, NumPy, scipy)	C#	F#
Frameworks	Spring	DJango	Apache Camel
Miscellaneous	Linux power user	Formal Language Semantics	Typst	Git
Personal Interests	Reading	Cooking	Programming Languages