

# Pablo Costas Sánchez

A Coruña, Spain

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## Experience

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- **NextRoll** **A Coruña - Spain (Remote)**  
*Software Engineer* *November 2021 - Present*  
Working as part of the Real-Time Bidding team, responsible for core systems in NextRoll serving +1.5M bid requests per second in less than 70 ~ 80 milliseconds each.
- **Klarna** **Stockholm - Sweden**  
*Software Engineer* *October 2020 - October 2021*  
Worked as part of a team that handles a big part of Klarna's core Erlang banking system.
  - Maintained the legacy code and updated the business logic to provide for our stakeholders' necessities, which varied from fixing bugs that blocked feature releases to implementing new functionalities altogether.
  - Helped design and implement API endpoints to be used internally by our stakeholders in a system-agnostic way, in addition to being part of the spearhead team driving the Event Sourcing implementation in the system.
  - The testing methodologies we used internally were awesome, and I got solid hands-on experience with Property-Based Testing of huge stateful systems while working here.

## Volunteering

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- **SpawnFest** **spawnfest.org**  
*Organizer (2021 and 2022)* *April 2021 - March 2023*  
I helped organize SpawnFest, a 10-year old event that is well-known in the BEAM community. This included getting in touch with sponsors, helping the event get to an even wider audience and updating the official website, among other things.
- **Erlang Ecosystem Foundation** **erlef.org**  
*Working Group member* *September 2020 - Present*  
I am a member of two working groups, where we work towards specific goals:
  - *Build and Packaging*: I help to evolve the tools in the ecosystem related to building, documenting, and deploying code, with a strong focus on interoperability between BEAM languages.
  - *Education*: I help facilitate and evolve education and training and consolidate educational material(s) for all BEAM languages and the BEAM itself.

## Education

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- **Bachelor of Science, Computer Science** **A Coruña - Spain**  
*Faculty of Computer Science, Universidade da Coruña,* *2015 - 2020*

## Bachelor thesis

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**Title:** Extending a property-based testing tool with parallel and distributed execution  
**Awards:** "Best University-Level Project under a Free Licence" (CIXUG, AMTEGA)  
**Description:** I extended PropEr with parallel and distributed execution in order to improve its execution times. I also measured the obtainable speedup in projects that had big property tests when ran both in a single powerful machine and in a computer cluster.

## Skills and Interests

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- **Technical skills and competences:**  
Erlang, Elixir, Rust, TDD, Property-Based Testing, Distributed systems, CI/CD, PostgreSQL, Linux, L<sup>A</sup>T<sub>E</sub>X

- **Language:**  
Galician, Spanish, English
- **Personal interests:**  
Rollerblading, traveling, OSS, programming conferences