

Arnau Abella

Software Engineer



Blog



Github



Twitter



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Interests

Programming Languages

Mathematics

Reading

Programming Languages

Haskell, Rust

Scala, Python

Agda, Nix

About me

I am passionate about programming languages and compilers. I enjoy working on building tools, parallel and concurrent applications, distributed systems, among other things. I am concerned about maintainability, correctness and robustness.

Experience

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|-----------|---|-----------|
| 2019-now | Backend Developer | Coinweb |
| | Cryptocurrency start up. Part of the team that created the main product of the company, a cross-chain DLT.
Technologies: Rust, Haskell, Blockchain | |
| 2017-2019 | Full-stack Developer | Agilogy |
| | Worked as a consultant in several companies such as Mango, Stuart, etc.
Technologies: Scala and Typescript | |
| 2016-2017 | Mobile App Developer | Blitworks |
| | We developed a sophisticated remote controller as an Android & iOS app for an industrial cold room from scratch.
Technologies: Android, iOS, Java and Swift. | |

Education

- | | | |
|-----------|------------------------------|--------------------------------------|
| 2020-2022 | Master's Degree (GPA: 4.5) | Universitat Politècnica de Catalunya |
| | Majoring in Computer Science | |
| 2013-2017 | Bachelor's Degree (GPA: 4.0) | Universitat Politècnica de Catalunya |
| | Majoring in Computer Science | |

Publications

- | | |
|------|---|
| 2022 | Distributed Complex Event Recognition |
| 2017 | Remote App Controller for an Industrial Cold Room |

Other information

Talks

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|------|--|
| 2019 | Parallelism and Concurrency in Haskell |
| 2018 | Lenses in Scala |
| 2018 | Generic Programming in Scala |

Languages

- | | |
|---------|----------------------------|
| English | C2 (Cambridge Certificate) |
| Spanish | C1 (Native) |
| Catalan | C1 (Native) |