

BERNAT BORRÀS CIVIL

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BernatBC

bernat-borràs-i-civil

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EDUCATION

U. POLITECNICA DE CATALUNYA | *Master's degree in informatics* Sep 2024 – Jun 2026
•Grade: 8.81 out of 10 (as of 1st September 2025)

U. POLITECNICA DE CATALUNYA | *Bachelor's degree in informatics* Sep 2020 – Jun 2024
•Specialization in computing
•Grade: 8.26 out of 10
•Bachelor thesis: MH (10 out of 10)

AALTO UNIVERSITY | *Exchange studies (Computer Science)* Aug 2023 – Dec 2023
•Grade: 4.8 out of 5

EXPERIENCE

BUILD38 Barcelona, Spain
Oct 2024 – Present
Software Engineer Junior
•Led the development of many security improvements over a cybersecurity SDK module using C.
•Engineered and maintained wrappers for Android & iOS using Swift, Java, and Ionic, ensuring cross-platform compatibility.
•Set up and maintained CI/CD pipelines for the SDK using Jenkins, automating build, test, and deployment processes.
•Mentored new interns, providing guidance on code standards and development practices.

Solutions Engineer Intern Feb 2024 – Sep 2024
•Integrated cybersecurity SDK into customer applications on Android & iOS platforms.
•Developed proof-of-concept applications using Kotlin, Swift, React Native, and Flutter.
•Created security tools, including a code obfuscator, to protect client applications.

SKILLS

Technical C, C++, Java, Kotlin, Swift, Python, Unity

Language Catalan (native), Spanish (native), English (fluent), French (intermediate)

Interests Hackathons, Coding contests, OpenSource contributions

PUBLICATIONS

1. Borràs, B., Muñoz-Pandiella, I., & Andújar, C. (2025). Bidirectional exploration of 3D cultural heritage models and photo collections.
<https://diglib.eg.org/items/8b6f19a5-564f-4715-b582-62f3b92bd58c>

PROJECTS

OPENSOURCE CONTRIBUTIONS

Mantainer at Hugo - Toha [🔗](#), Contributor at FreeCAD [🔗](#), Contributor at Jellyfin [🔗](#), Contributor at SourceGit [🔗](#)

HACKATHONS AND CONTESTS

Junction 2023 [🔗](#), Nordic Collegiate Programming Contest 2023 [🔗](#), The Royal Hackaway v6 [🔗](#), Google Code Jam 2021 [🔗](#), Google Hash Code 2021 [🔗](#), Google Hash Code 2022 [🔗](#), HackUPC 2021 [🔗](#), HackUPC 2024 [🔗](#)