

# CRISTIAN BEZERDIC STOICA

c.bezerdik@gmail.com • +34 642 953 082 • github.com/cristik24 • linkedin.com/in/cristik24

## EDUCATION

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**Universitat de Girona**  
Computer Science

September 2020 - July 2024

## WORK

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### Amazon SDE Intern

June 2023 - September 2023

Worked with a team which had a Java Spring backend with Hibernate and a Typescript React frontend with RTK Query

- Analyzed different teams and tools to explore future ideas for our product
- Raised Engineering Quality by contributing to docs and upgrading versions of our Backend and Frontend
- Thought about innovative paths to take based on exploration around european legislation and the organization to further improve our service
- Investigated in depth a service's endpoints and classified their usefulness to the project
- Mocked the most relevant API endpoint in our Frontend and implemented a demonstration of the new things that can be done with its features.

### Google Summer of Code Contributor

June 2022 - September 2022

Google and LibreCAD selected my project "LibreCAD3 automatic releases", which was based on building a CI/CD infrastructure from the ground up. This year they selected 1209 out of 5155 projects.

- Wrote automation scripts for Windows and Linux that reduced new user's install time of LC3 from a week to an hour
- Contained LC3 in NSIS, AppImage and Snap installers as a way to have it easily installable on Windows and Linux via using CPack, snapcraft, linuxdeploy and linuxdeployqt
- Modified CMake and C++ code with Qt for the purpose of the application being able to be installed anywhere on the computer by using Qt functions to get the path on execution and removing all the hardcoded paths to the resources
- Created GitHub Actions yaml scripts in order to have the LC3 built in Github by user trigger or push to the repository via adapting my previous Windows and Linux install scripts

## LANGUAGES

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- **Native:** Catalan, Spanish, Romanian **B2:** English, French. **B1:** Russian

## PROJECTS/EXPIRIENCIES

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### Research Colaborator BCDS

November 2022 - June 2023

Helped with a Javascript Blockchain with MySQL project to mesure water levels in depuration plants

### Google Developer Student Club Lead and Founder

August 2022 - Now

Created a GDSC in University of Girona as a means to have somewhere outside of university to expand our skills through forming a community. Organizing fun activities with more than 35 participants and collaborating with local organizations and other members of Google Developers

### Huawei Lead Tiker

September 5 - September 13

Chosen alongside 30 people from all Spain in order to be trained in relevant future technologies such as 5G, AI, Cloud Computing and Leadership by recieving international online confereces from experts, developing in a team of 5 a solution to a 17 Sustainable Development Goals of the United Nations and getting certificates on Huawei's learning platform

### Newton binomial Solver

2018-2019

It was my first program after self-teaching myself Python from a mobile app. I have two versions: One is programmed without libraries and the other with NumPy.

## SKILLS

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- Programing Languages: C, C++, Java, Python, Bash, Batch, Powershell
- Other Languages: SQL, LaTeX, CMake, yaml
- Knowledge: Data Structures, Algorithms, CI/CD, Operative Systems, Linux, Git, UML