

Jan Beltran van der Mersch Puebla

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PROFILE

Third year Technical Computer Science student at the University of Twente, with a long-term background in computer science developed through the IB and earlier years. Practical experience spans assistive technology, web development, and browser tooling, complemented by active participation in competitive cybersecurity (CTF) events.

EDUCATION

University of Twente BSc Technical Computer Science	2024 – Present
International Baccalaureate (IB) Diploma Hastings School, Madrid <i>Higher Level (HL) subjects:</i> Mathematics · Physics · Computer Science	2022 – 2024

SKILLS

Java · Python · SQL · Linux · Git · HTML / CSS

PROJECTS

Raspberry Pi Vision Assistance Device – *University coursework project*

Assistive hardware/software project for visually impaired users, using a Raspberry Pi and computer vision to provide real-time audio guidance about the surrounding environment.
Python · OpenCV · YOLO

ReadSpeeder – *Personal project, open source*

Free, open-source Android app for speed-reading via RSVP (rapid serial visual presentation) or a standard scrolling reader.
Kotlin · Jetpack Compose · Android · github.com/juccul/ReadSpeeder

Classroom Management Web App – *University coursework project*

Full stack web application designed to help teachers manage classroom activities, student engagement, and administrative tasks.
Vue.js

Enhanced Search Browser Extension – *Personal project*

Speeds up web navigation by intelligently skipping the search engine intermediary and routing directly to results, with filtering and preference options available.
JavaScript · Browser Extension APIs

LANGUAGES

Spanish	Native
English	Native (C2)

NOTEWORTHY ACTIVITIES

C3ntaur CTF Team — Active member of a Capture The Flag cybersecurity competition team.
Nullcon Goa HackIM 2026 CTF – **48th / 637 teams** 2026
FAUST CTF 2025 – **109th / 140 teams** (*Attack-Defence format*) 2025
07CTF – **32nd / 439 teams** 2025
HeroCTF v7 – **368th / 1052 teams** 2025

SOFT SKILLS

Pragmatic, Analytical, Communicator, Collaborative, Organized, Global, Autonomous, Resilient, Ethical