Nicolas Mazzon

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Education

- **Nanyang Technological University**   Aug 2024 - Jan 2025
  B.A. Computer Science + Finance courses

- **University of Amsterdam**   Sept 2022 - Present
  B.A. Computer Science

- **Laude San pedro**   Sept 2019 - July 2022
  Highschool
  Information Technology A/ Mathematics A/ Business Studies A*

Professional Experience

- **CADID AS**   July 2022 - Sept 2022
  Internship
  Migrated internal systems from relying entirely on excel to traditional relational databases.
  Reduced total server operational costs by 60%.

Projects

- **Reverse engineering tool** - Engineered a versatile disassembler and analysis tool named BiTE, designed to support multiple architectures, streamlining the reversing process and enhancing code analysis capabilities.

- **Card Trading Platform** - Developed for the Web Technologies course at the University of Amsterdam. Won #1 place for best architecture & design. This platform provided an engaging way for users to trade digital cards.

- **2D Pixel Art Engine** - Utilized a Vulkan-based pixel art engine to enhance the visual quality of 2D pixel art sprites in a game environment, focusing on upscaling techniques to improve resolution without losing the pixel art aesthetic.

Skills and Ability

- Fuzzing complex binaries and embedded platforms
- Malware analysis
- Exploit development with an emphasis on security
- Linux/Unix platform devops
- Rust, C/C++, Python and a variety of other scripting languages

Languages

Dutch: native, English: fluent, Spanish: reading/writing knowledge.