Bruno Andres Muciño Guerrero

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Education

National Autonomous University of Mexico — Graduating Aug 2022
Bachelor of Science in Applied Mathematics and Computer Science — Mexico City

Sistemedic — October 2017 - November 2019
Emergency Medical Technician — Mexico City

Technologies

- **Programming**
  Rust, Python, C/C++, JavaScript/TypeScript, Wolfram, Microsoft/LibreOffice suite
- **Web**
  HTML, CSS, Django, Rocket, Heroku
- **Others**
  SQL (PostgreSQL), AWS, Apache Spark, GNU/Linux, Git/GitHub

Languages

- **Spanish** Mother tongue
- **English** Proficient, B2-CEFR

Awards

- **Programming**
  15° National Programming Contest ANIEI, 3° place
  ACM-ICPC Grand Prize of Mexico 2020, top 5%
  Facebook Spanish Hack 2021 (Latin America), 8° place

Work Experience

Algorithms Club GUAPA — April 2019 - present
Organizer y Mentor — Mexico City

- Support and guide students interested in learning competitive programing, teach them basic through intermediate programming concepts and common algorithms in the field as well.

Sistemedic — September 2018 - March 2020
Emergency Medical Technician — Mexico City

- Interact with healthcare personnel, patient's family and the general public while performing basic to advanced interventions through teamwork, demonstrating the highest standards of care to patients.

Projects

Full list of projects at my **website.**

- **Telegram ChatBot** (Rust/PostgreSQL)
  A bot that provides information about the people I volunteer with in an EMT organization. Uses the oficial Telegram API and runs on a Raspberry Pi.
- **Numerical Methods** (Python/Django/Heroku)
  Web page where various numerical methods are explained and implemented with their respective graphical representations.
- **Git Implementation, μGit** (Rust)
  Basic implementation of the most common commands and features of the distributed version-control system, Git.
- **BrianF *Compiler*** (Rust)
  A toy compiler that generates, assembles and links x86 assembly instructions with the help of GNU Binutils.