Geronimo Castaño Orozco

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EDUCATION

Saarland University	**Saarbrücken, Germany**
B.SC Data Science and Artificial Intelligence	*Graduation Date: Jun 2026*

Johannes-Gutenberg-Universität	**Mainz, Germany**
Techcnial Course	*Graduation Date: Jun 2023*

German School	**Medellín, Colombia**
High School Degree	*Graduation Date: Dec 2022*

WORK EXPERIENCE

Saarland University	**Saarbrücken, Germany**
Programming Tutor	*Mar 2024 - Jun 2024*

- Planned and executed tutorials for university-level computer science students
- Developed engaging exercises and solutions to reinforce learning
- Collaborated with team members via Git to create and review teaching materials

Freelance/Independent	**Medellín, Colombia**
Math Tutor	*Sep 2022 - Dec 2022*

- Provided personalized math tutoring sessions to high school students covering a range of topics
- Tailored instruction to meet individual student needs and prepare them for final exams
- Utilized effective teaching strategies to improve student understanding and proficiency in mathematics

Amerin	**Medellín, Colombia**
Business Data Analyst Apprentice	*Jan 2021 - Jan 2021*

- Shadowed professionals at Amerin, gaining hands-on experience in business analytics and data consulting
- Learned data collection, processing, and analysis techniques to optimize business solutions
- Observed day-to-day operations of a successful data consulting firm, learning from experienced professionals

SKILLS

Programming and IT Skills	Python, Mojo 🔥, CSS, JavaScript, OCaml, SkLearn, Pandas, Tensofrlow, Matplotlib, Microsoft Office (Excel, Word, PowerPoint)
Languages:	Spanish (native speaker), English and German (professional fluency), Portuguese and French (casual speaker)

PROJECT EXPERIENCE

Programming I Team	**Saarbrücken, Germany**
Programming Tutor	*Mar 2024 - Jun 2024*

- Collaborated with a team to develop comprehensive exercise sheets for student practice, ensuring quality and consistency.
- Utilized Git for version control, enabling seamless coordination and synchronization of work with team members.
- Compiled a diverse repository of learning materials, providing students with ample opportunities for practice and skill development.

Personal Web Portfolio	-

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- Developed a personal web portfolio from sctrach using HTML, CSS and Java Script

- Designed a visually appealing and highly personalized interace with custom animations.
- Showcased projects, sklils, and achievements ina dynamic and engaging manner to attract potential employers.
- It is available at: https://geronimocastano.com

Language Interpreter for Logical Expressions   -
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- Developed a language interpreter for logical expressions using OCaml, focusing on compiler design principles.
- Implemented core components including a lexer, parser, evaluator, and logical functions in a functional programming style.

Secret Santa Matcher   -
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- Developed a web-based application for organizing Secret Santa gift exchanges, utilizing HTML, CSS and JavaScript.
- Implemented an automated email collection and distribution system, enhancing user convenience and effiency.
- Designed with a user-friendly interface and efficient functionality to streamline the organization of holday gift exchanges.

AWARDS AND PRIZES

Excellence Scholarship to Study in Germany   **Germany**
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- Awarded one of the most prestigious scholarship to study in Germany, an opportunity granted to only 100 individuals worldwide.
- Recognized for exceptional academic performance as well as personal and social achievements.
- Provided iwth invaluable networking opportunities, attending events to connect with influential individuals who share similar goals and aspirations.

Recognition for Excellence in Graduating Ceremony   **German School**
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- "For his interest, commitment and scientific attitude in science and for his constant involvement in musical activities offered by the school"

Academic Performance Scholarships   **German School**
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- **2018:** Awarded scholarship for best german performance.
- **2021:** Awarded scholarship for overall academic performance.

Participant of the TU9 - ING Woche   **Germany**
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- Selected as one of the few students worldwide to represent my school in an excellence program promoting STEM learning.
- Participated in workshops, lectures, and exchanges with professors and alumni in the STEm field, gaining valuable insights and experiences.

LEADERSHIP EXPERIENCE

German School   **Medellín, Colombia**
Volleyball Team Captain   *Jan 2017 - Dec 2022*
- Led the school's volleyball team as captain for over five years, guiding them to win multiple national championships.
- Strenghtened team morale and consistently trained to enhance team performance in various competitions.
- Demonstrated leadership qualities and commitment to team success, emphasizing the importance of regular training and skill improvement