



## Ioana Popescu

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Hi my name is Ioana and I'm in my final year of the bachelor of science at École Polytechnique specialising in mathematics in computer science. I always been passionate about problem solving and exploring the applications of Mathematics in various fields. During high school I participated in mathematical olympiads such as the European girl's maths Olympiad and now I help with the organization.

Recently I also completed an exchange semester at ETH Zurich and I'm currently working on my bachelor. I learned about mathematical femina through my linear algebra professor and research supervisor professor Dubai professor Duba who encouraged and guided me throughout the application process.

I had also seen the impact of the scholarship on other female students on social media which inspired me to apply. This scholarship has been more than financial support it has given me confidence in my path and connected me with a community of inspiring women in mathematics.

It has reinforced my commitment to mentoring younger students and allowed me to see the opportunities like my exchange semester, helping me pursue my academic and career aspirations.

Knowing that there are initiatives dedicated to supporting women in mathematics makes me even more motivated to push forward and contribute to the field.

I hope to pursue either Masters or PhD in applied mathematics focusing on probabilities statistics and their applications in machine learning.

In the long run I aspire to apply mathematical concepts in industry for example in the biotech sector are also contributing to diversity in STEM by mentoring and inspiring future mathematicians.