

# BRIAN MORRIS ESQUIVEL

Software Engineer ◇ Bachelor of Engineering

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## EDUCATION

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**Universidad Nacional de Rosario** - Electronics Engineering Degree

*March 2016 - Present*

Overall GPA: 8.5/10. Expected graduation date: December 2023.

**Instituto Politecnico Superior** - High School and Electronics Technical

*March 2010 - November 2015*

### Courses

Graphs and combinatorial optimization problems

*September 2016*

Game theory, strategic thinking and decision making

*September 2016*

Argentinian ICPC Winter Camp 2017 and 2018

*July 2017, July 2018*

Brazilian ICPC Summer Camp 2017, 2018 and 2019

*January 2017, January 2018, January 2019*

## WORK EXPERIENCE

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**Software Engineer** at Ergeon

*September 2021 - Present*

As a Software Engineer I enhance and support a web application for company customers

△ Use ThreeJS to build 3D model previews

△ Use React and Typescript for the web design

**Application Development Associate** at Accenture S.R.L

*November 2020 - August 2021*

I was part of a Full-Stack developing team. We developed web applications using Spring Framework and Angular.

△ Created and deployed a web video game. (Links: repository - game )

△ Developed the Front-End for a home-banking application.

**Mathematics and Informatics Olympiads Coach** at Instituto Politecnico Superior

*March 2016 - Present*

I teach and coach students who are passionate about science and compete in national and international olympiads.

I also participated in the organization of several competitions, both national and international.

△ My students got excellent results on national competitions. Annually many of them are awarded for their performance over the year and often win the national contest.

△ Many of my students are annually selected to be part of national teams and achieve international medals.

## SKILLS

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**Main strengths**

Math, Problem Solving, Algorithm Design, Team Work.

**Preferred Programming Languages**

C, C++, Java, Typescript, Angular

**Other Programming Languages**

Assembly, Ladder, Python

**Natural Languages**

Spanish (native), English (C1 - Advanced), Portuguese (basic)

## COMPETITIVE PROGRAMMING AND OLYMPIC AWARDS

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The International Mathematical Olympiad (IMO) is the worldwide most prestigious competition in mathematics. Nearly 100.000 students from all over the world compete each year for a place in this competition. Almost 600 students from around the world qualify for the contest.

The International Collegiate Programming Contest (ICPC) is the most prestigious international programming competition. Near 50.000 contestants from all around the world take part in it. It is focused on solving problems using advanced algorithms, data structures and team work.

<b>Inter-college Argentinian Mathematics Contest</b>	5° place of 73	<b>5th Place award</b>	<i>2016</i>
<b>Asian-Pacific Mathematical Olympiad</b>	42° place of 324	<b>Silver Medal</b>	<i>2016</i>
<b>Ibero-american Olympiad of Mathematics, Puerto Rico</b>	20° place of 84	<b>Silver Medal</b>	<i>2015</i>
<b>International Mathematical Olympiad, Thailand</b>	322° place of 577	<b>Honourable Mention</b>	<i>2015</i>
<b>International Mathematical Olympiad, South Africa</b>	200° place of 560	<b>Bronze Medal</b>	<i>2014</i>
<b>ICPC World Finals, Porto, Portugal</b>	69° place	<b>69th Place award</b>	<i>2019</i>
<b>ICPC Latin America Regional</b>	1° place	<b>Gold Medal</b>	<i>2018</i>
<b>Argentinian Programming Tournament</b>	4° place		<i>2018</i>
<b>Argentinian Programming Tournament</b>	3° place		<i>2017</i>
<b>ICPC World Finals, Rapid City, United States</b>	118° place	<b>Honorable Mention</b>	<i>2017</i>
<b>ICPC Latin America Regional</b>	6° place	<b>Qualified for WF</b>	<i>2016</i>
<b>Argentinian Programming Tournament</b>	10° place		<i>2016</i>