

# Camille Paule

Lyon, France  
Toronto, Canada

Personal Website  
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## Education

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<b>University of Toronto</b>	2022 – Present
<i>Honours Bachelor of Science (Astronomy, Physics, and Mathematics) - Annual GPA: 3.51/4.0</i>	<i>Toronto, Canada</i>
<b>Lycée La Favorite Sainte-Thérèse</b>	2018 – 2022
<i>French Baccalaureate - Mathematics, Physics and Chemistry, With Highest Distinction</i>	<i>Lyon, France</i>

## Research Experience

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<b>Undergraduate Thesis (AST425)</b>	September, 2025 – Present
<i>Dr. Ronan Kerr, Prof. Christopher Matzner – University of Toronto</i>	<i>Toronto, Canada</i>
<ul style="list-style-type: none"><li>Researching the physical drivers of star formation in young stellar populations from the SPYGLASS survey.</li><li>Running an automated pipeline that quantifies age and velocity gradients for 100+ populations to test sequential, feedback-driven formation.</li></ul>	
<b>Undergraduate Researcher (SURF)</b>	May, 2025 – Present
<i>Prof. Hanno Rein – University of Toronto</i>	<i>Toronto, Canada</i>
<ul style="list-style-type: none"><li>Tested a novel pair-wise timestepping algorithm for adaptive integrators using REBOUND.</li><li>Aimed to enhance accuracy in close-encounter scenarios between objects like asteroids and comets.</li></ul>	

## Employment History

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<b>Communication and Education Specialist</b>	May 2025 – Present
<i>Discover the Universe</i>	<i>Toronto, Canada</i>
<ul style="list-style-type: none"><li>Supporting educational astronomy projects for Canadian teachers like activity guides, or webinar sessions.</li><li>Managing bilingual (EN/FR) social media accounts and creating weekly science communication posts for beginners.</li></ul>	
<b>Server</b>	March 2024 – May 2025
<i>Edna + Vita, SirCorp</i>	<i>Toronto, Canada</i>
<ul style="list-style-type: none"><li>Restaurant job which helped honing my time management and teamwork skills.</li></ul>	

## Awards & Honours

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<b>In-Course Scholarship</b>	Victoria College (UofT)
<i>\$1,000 merit-based award recognizing academic performance within Victoria College.</i>	2025
<b>Natalia Krasnopolkskaia Summer Undergraduate Research Fellowship</b>	Department of Physics (UofT)
<i>\$3,750 supporting research in physics over the summer.</i>	2025
<b>International Merit Admission Award</b>	Faculty of Arts and Sciences (UofT)
<i>\$50,000 entrance scholarship recognizing outstanding academic achievement.</i>	2022

## Technical Skills

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**Programming Languages:** Python (Proficient),  $\text{\LaTeX}$  (Proficient), C/C++ (Intermediate), R (Intermediate), HTML/JavaScript (Intermediate).  
**Languages:** French (Native), English (Native), Spanish (B2 level).

## *Presentations*

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<b>AST425 Final Presentation</b>	Toronto
<i>Investigating star formation processes in SPYGLASS populations</i>	<i>April 2026</i>
<b>tAULks - Astronomy Union</b>	Toronto
<i>On Magnetic White Dwarfs and their progenitors</i>	<i>Nov. 2025</i>
<b>Discover the Universe Webinar</b>	Online
<i>Astronomy in any classroom!</i>	<i>Nov. 2025</i>
<b>AstroTours</b>	Toronto
<i>One Neat Thing about my research!</i>	<i>Oct. 2025</i>

## *Service*

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<b>VP Events and Social Media</b>	September, 2025 – Present
<i>Astronomy Student Union (AU), University of Toronto</i>	<i>Toronto, Canada</i>
<ul style="list-style-type: none"><li>• Organizing events such as research opportunity panels, mentoring sessions, networking events, and colloquium-style talks for students in astronomy programs.</li><li>• Managing the union's social media to advertise events and foster an engaged undergraduate community.</li></ul>	
<b>Founder and President</b>	September, 2024 – Present
<i>French and Francophone Student Association (FFSA)</i>	<i>Toronto, Canada</i>
<ul style="list-style-type: none"><li>• Organizing cultural and social events to celebrate Francophone culture and foster a sense of community for 80+ members across campus.</li></ul>	
<b>Volunteer</b>	September, 2023 – Present
<i>AstroTours, Science Rendez-Vous</i>	<i>Toronto, Canada</i>
<ul style="list-style-type: none"><li>• Assisting with event set-up, on-site coordination, and science demonstrations.</li></ul>	
<b>Engagement Director</b>	September, 2024 – September 2025
<i>Physics Help Initiative (PHI)</i>	<i>Toronto, Canada</i>
<ul style="list-style-type: none"><li>• Creating engaging multimedia content on various everyday-relevant physics topics for a broad outreach audience.</li></ul>	