

# Camille Paule

Lyon, France  
Toronto, Canada

Personal Website  
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## Education

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

## Awards & Honours

<b>In-Course Scholarship</b> <i>\$1,000 merit-based award recognizing academic performance within Victoria College.</i>	Victoria College (UofT) 2025
<b>Natalia Krasnopskaia Summer Undergraduate Research Fellowship</b> <i>\$8,750 supporting research in physics over the summer.</i>	Department of Physics (UofT) 2025
<b>International Merit Admission Award</b> <i>\$50,000 entrance scholarship recognizing outstanding academic achievement.</i>	Faculty of Arts and Sciences (UofT) 2022

## Research Experience

<b>Undegraduate Thesis (AST425)</b> <i>Dr. Ronan Kerr, Prof. Christopher Matzner; University of Toronto</i>	September, 2025 – Present Toronto, Canada
• Researching the physical drivers of star formation in young stellar populations from the SPYGLASS survey. • Running an automated pipeline that quantifies age and velocity gradients for 100+ populations to test sequential, feedback-driven formation.	
<b>Undegraduate Researcher (SURF)</b> <i>Prof. Hanno Rein; University of Toronto</i>	May, 2025 – Present Toronto, Canada
• Tested a novel pair-wise timestepping algorithm for adaptive integrators using REBOUND. • Aimed to enhance accuracy in close-encounter scenarios between objects like asteroids and comets.	

## Employment History

<b>Communication and Education Specialist</b> <i>Discover the Universe</i>	May 2025 – Present Toronto, Canada
• Supporting educational astronomy projects for Canadian teachers like activity guides, or webinar sessions. • Managing bilingual (EN/FR) social media accounts and creating weekly science communication posts for beginners.	
<b>Server</b> <i>Edna + Vita, SirCorp</i>	March 2024 – May 2025 Toronto, Canada
• Restaurant job which helped honing my time management and teamwork skills.	

## Technical Skills

<b>Programming Languages:</b> Python (Proficient), L <sup>A</sup> T <sub>E</sub> X (Proficient), C/C++ (Intermediate), R (Intermediate), HTML/JavaScript (Intermediate).
<b>Languages:</b> French (Native), English (Native), Spanish (B2 level).

## *Presentations*

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AST425 Final Presentation: *Investigating star formation processes in SPYGLASS populations*

tAULks (AU) Presentation: *On Magnetic White Dwarfs and their progenitors*

Young Stellar Populations (Kerr) Group: *On Isochrone Fitting Statistics*

Discover the Universe Webinar: *Astronomy in any classroom!*

AstroTours: *One Neat Thing about my research!*

## *Service*

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### **VP Events and Social Media**

*Astronomy Student Union (AU), University of Toronto*

September, 2025 – Present

Toronto, Canada

- Organizing events such as research opportunity panels, mentoring sessions, networking events, and colloquium-style talks for students in astronomy programs.
- Managing the union's social media to advertise events and foster an engaged undergraduate community.

### **Founder and President**

*French and Francophone Student Association (FFSA)*

September, 2024 – Present

Toronto, Canada

- Organizing cultural and social events to celebrate Francophone culture and foster a sense of community for 80+ members across campus.

### **Volunteer**

*AstroTours, Science Rendez-Vous*

September, 2023 – Present

Toronto, Canada

- Assisting with event set-up, on-site coordination, and science demonstrations.

### **Engagement Director**

*Physics Help Initiative (PHI)*

September, 2024 – September 2025

Toronto, Canada

- Creating engaging multimedia content on various everyday-relevant physics topics for a broad outreach audience.