



Lucas Lau Grady

Personal website:

lucaslaugrady.com

FRANCE | CANADA

+33 7 44 89 79 25

✉ lucas.laugrady@psl.eu

🎧 Spotify Artist Page:

<https://open.spotify.com/artist/04QfnRsos6KwZPmxwwkNv?si=ZzXAdyXAQeicGKHTU5R-Q>

I am a curious and determined third-year Bachelor's student in Sustainability Sciences at Paris Sciences & Letters University. My determination in outdoor sports and commitment to sustainability drive me toward making a positive impact and leaving the world better than I found it. My curiosity pushes me to continually deepen my understanding of how the world has developed up to now and where it may be heading. In addition to my academic and environmental interests, I am a dedicated singer and guitarist, writing and producing music both independently and with bands, as well as a passionate athlete with a deep love for the outdoors. I feel particularly at home in nature, whether skiing, surfing, hiking, or climbing, while also enjoying team sports such as football.

Paris Sciences & Letters Research University

Paris, France

Expected graduation June 2027

Jules-Verne Secondary School

Vancouver, Canada

Graduated June 2024

MacSailing

Vancouver, Canada

2023 - present

(Summer Season)

Ænomaly Constructs

Vancouver, Canada

2022-2023

University of British Columbia

Vancouver, Canada

January - June 2026

Paris Sciences & Letters Research University

Paris, France

September 2024 - present

EDUCATION

Bachelor in Sustainability Science

- Chemistry, Physics, Biology, Sustainable Development, Economics, Mathematics, Political Sciences, Earth Sciences, Anthropology, and Social Sciences

International Baccalaureate (IB) Diploma

- History, English Language & Literature, French Language & Literature, Chemistry, Mathematics, Visual Arts, Theory of Knowledge

WORK EXPERIENCE

Certified Dinghy Sailing Instructor and Marine Ecology Teacher

- Taught sailing fundamentals, seamanship, and on-water safety to youth and adult students. Supervised students during on and off water activities, ensuring safety and skill progression. Managed rigging, launching, and maintenance of dinghy sailboats, canoes, and support vessels.
- Taught hands-on lessons in marine ecology and ocean conservation for youth. Led shoreline explorations.

Intern Data Assistant

- Used Excel for efficient data collection, cleaning, and organization, enhancing workflow efficiency across projects for an emerging bike component startup.

RESEARCH EXPERIENCE

Engineering research intern

- Conducted a literature review on the water use, recycling, and water quality constraints in modern hydro- and pyro-metallurgical processing. Examined the main pathways for copper production, identified key stages of water consumption, and explored potential mitigation strategies

Experience in lab-work in chemistry and biology

- Demonstration of osmosis, osmolarity, and osmotic pressure via microscopic analysis of onion cells
- Determination of dissolved oxygen in river Seine water using the Winkler method
- Synthesis of Aspirin (Acetylsalicylic Acid) and Evaluation of Product Yield and Purity
- Kinetic Monitoring of a Reaction by Spectrophotometry
- Acid-base Titrations of Vinegar and Coca-Cola

**Paris Sciences & Letters
Research University**
St. Malo, France
August 2025

Climate Academy
Paris, France
January - June 2025

Jules-Verne Secondary School
Vancouver, Canada
2022- 2024

Mac Sailing
Vancouver, Canada
2019 - 2022

Socio-Ecological Research Project

- Investigated the social and ecological implications of coastal resilience in Brittany. Conducted field research and literature analysis to assess interactions between communities and ecosystems under climate pressures.

Interdisciplinary Research & Creation Project

- Examined Paris' water management strategies under climate pressures, focusing on heat waves and floods. Applied a paleo-based approach to analyze historical data and identify insights for contemporary resilience planning.

VOLUNTEERING

Coordinator for Live Musical Performance

- Supported live music events by setting up and managing sound, audio-visual equipment, and musical instruments. Assisted with stage preparation, microphone, instrument and speaker placement, and troubleshooting technical issues during performances.

Beach Operations & Maintenance Support

- Assisted with daily operations at the Sailing Center, supporting both instructional programs and recreational activities. Helped maintain boats and equipment. Worked closely with instructors and learned to work in a team environment to develop strong communication and leadership skills in a fast-paced, outdoor setting.

ACHIEVEMENTS

1st Place Winner - Best Robotics Video

CRC Robotics Competition, Avia

- Montreal, Canada - 2023

1st Place Commodore's Cup – Sailing Regatta

Royal Vancouver Yacht Club

- Vancouver, Canada - 2018

2x Division 1 Provincial Silver Medalist – Soccer

Vancouver Athletic Football Club Vikings

- British Columbia, Canada - 2019, 2024

2x Division 1 City Gold Medalist – Soccer

Vancouver Athletic Football Club Vikings

- Vancouver, Canada - 2019, 2024

“A” Provincial Bronze Medalist - Soccer

Jules Verne Secondary School team

- British Columbia, Canada - 2023

“A” City Gold Medalist - Soccer

Jules Verne Secondary School team

- Vancouver, Canada - 2023

REFERENCES

Samuel Couix: History teacher at Jules-Verne Secondary school

- +1 604-731-8378
- samuel_couix@csf.bc.ca

Julie Paquette: Chemistry teacher at Jules-Verne Secondary school

- +1 604-731-8378
- julie_paquette@csf.bc.ca

Dave Thomas: Director at MacSailing

- +1 604-224-7245
- dthomas@rocketbuilders.com

SKILLS

- **Adaptability**
- **Problem solving**
- **Critical thinking**
- **Data analysis/coding** (R, Python, Excel)
- **Geospatial Analysis** (QGIS, IGN Géoportail)
- **Music performance** (guitar, singing)
- **Music production** (Logic Pro, ProTools)

LANGUAGES

- **English** (fluent)
- **French** (fluent)

CERTIFICATIONS

- **Climate Fresk Facilitator**
- **Coach Boat Safety License**
- **First Aid & CPR/AED Level C**
- **Sail Canada Fundamental Course**
- **Sail Canada Technical Course**
- **CanSail 4**
- **Safe Sport Training**
- **Canadian Boating Licence: Pleasure craft operator card**