

# Philopater Milio

Waterloo, ON | 226.600.1495 | philopatermilio@gmail.com

## Skills & Abilities

---

### Technical Skills

- Programming: R, Python, Pandas, SAS, Minitab
- IDEs: R Studio, VS Code, Anaconda
- Tools: PowerBI, Microsoft Office Suite
- Rapid Prototyping (Novice): 3D printing, laser cutting

### Soft Skills

- *Adaptability:* Quickly grasp new concepts; successfully transitioned from Mechatronics Engineering to Statistics.
- *Teamwork:* Thrived in high-pressure team environments, including professional and semi-professional soccer in Canada, France, and Belgium.
- *Organization:* Managed multiple roles across diverse projects while ensuring deadlines and quality standards were met.

## Experience

---

### Bioinformatics Trainee | HITS Solutions (Internship)

May 2025 – Present

- Completed specialized training in Python and AWS to expand computational and cloud-based data analysis capabilities.
- Delivered weekly presentations to a panel of supervisors, effectively communicating project progress, challenges, and insights.
- Leveraged biological data to address real-world biotech challenges, contributing to ongoing research and development projects.

### Business Informatics Analyst | KW FHO (Co-op)

July 2024 – August 2024

- Compiled and analyzed patient and diagnostic data to improve healthcare service efficiency.
- Used Telus Health software to track patient health records and ensure compliance with government-mandated preventative care protocols.
- Interpreted clinic income data to enhance patient flow strategies, contributing to increased business incentive payouts.

### R&D Co-op Student | ICOR Technology (Co-op)

June 2021 – August 2021

- Updated engineering designs, drawings, and GD&T specs for plastic and metal components, ensuring design accuracy and compliance.
- Designed components in SolidWorks with a focus on manufacturability and backward compatibility for field upgrades.
- Integrated new prototypes with existing systems using rapid prototyping tools such as 3D printing and laser cutting.
- Conducted quality testing, documented findings, and implemented engineering changes to improve product reliability.

### Facilities Manager | Berlin Sports Group (Co-op)

August 2020 – January 2021

- Coordinated logistics for sporting events, showcases, and online recruitment seminars, ensuring smooth execution and participant satisfaction.
- Updated and maintained the company website to reflect new event content, boosting online visibility and engagement.
- Compiled and analyzed attendee data using Excel and other Microsoft Office tools to inform future outreach and event planning.

### Semi-Professional Footballer | Canada

August 2016 – January 2023

- Competed at elite levels including semi-professional leagues in Canada and trialed with top-tier European clubs including Ligue 1 sides Nantes and RC Lens, and Belgian team K Beerschot VA.
- Recognized as MVP and top scorer in various regional and provincial leagues.

## Education

---

### Candidate for Bachelor of Mathematics | University of Waterloo

Graduation: 2025

*Major:* Statistics

*Relevant Courses:* Statistics, Probability, Sampling and Experimental Design, Applied Linear Models, Intro to Biostatistics (SAS), Computational Stats and Analysis (R), Experimental Design, Stat Methods: Process Improvement, Management Information Systems

Accepted into the Professional Masters of Football Business at the Football Business Academy (FBA)

### External Courses

Google Advanced Data Analytics, Python Basics for Data Science (IBM), AWS Cloud Practitioner Essentials (edX), Data analytics and Databases on AWS (edX)