

OBJECTIVE

Having spent university studying both science and arts, I have come to appreciate what both have to offer, and their crossover. I am interested by this interdisciplinary approach, not only in the skills each element provides, but in the crossing over of content – the interconnected web of information where one field leads naturally into another. I hope to pursue this and apply this perspective to whatever field I can, and perhaps using such a view, I could make a difference for the better.

CONTACT

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GITHUB

<https://github.com/ThomasOcb81a59719a/>

EDUCATION

McGill University, Montreal, Canada

B.A. Philosophy Major, Biology Minor

Cumulative GPA: 3.79 /4.0 (A-) (Equivalent of first class or high second-class degree)

- Alma Mater Entrance Scholarship (2018) – for academic merit preceding McGill I
- Golden Key International Honours Society Award (2019) – awarded for being in the top 15% of my program
- Published in the Montreal AI Ethics Institute for an essay on AI's moral status and rights (2019)
- <https://montrealethics.ai/why-the-contemporary-view-of-the-relationship-between-ais-moral-status-and-rights-is-wrong/>
- Graduated with Distinction – with a cumulative GPA in the top 25% of the entire Arts Faculty of McGill
- Classes and Topics covered:

BIOL 465 – Conservation Biology (A)

BIOL 540 – Ecology of Species Invasions (A)

9 credits (3 semesters) of Independent Research Projects (A, A, A)

PHIL 310 – Intermediate class on first-order logic, and mathematical logic with Gödel's incompleteness theorems (A)

PHIL 475, 480, 481 – Topics classes on the limits of phenomenology, the philosophy of technology, and AI (A-, A, A)

Winchester College, Hampshire, UK

-Exhibitioner award upon entry to Winchester (Academic Scholarship for performance in the Scholarship exams at 13)

-British Biology Challenge Gold Medal 2018

Cambridge IGCSE certification 2016:

-Biology (A*), Chemistry (A*), Physics (A*), Mathematics (A*), German (A*), Russian (A*), Latin (A*), French (A*), English (A)

Cambridge Pre-U certification 2017/2018:

-Chemistry (D3/A), Biology (D2/A*), Theology and Philosophy (D2/A*), and Mathematics taken a year early (D2/A*)

EXPERIENCE

May 2022 – present**Analyst • Gluon Capital • London, UK**

- Gluon is an Impact Venture Capital firm with interests primarily in EVs, hydrogen fuel cells, and renewable energy.

- Summarised news articles related to the interests of Gluon, collaborated with teams to provide research for analysts, executives at Gluon, and its partners in a variety of fields.

- Assisted with several presentations to companies and Port Authorities around the world.

- Reviewed national and private environmental policies, visualised data in a clear and concise way, researched in depth and rapidly learned unfamiliar topics, and coordinated frequently with the team.

March 2022 – present**Intern • AimHi • London, UK**

- AimHi is a crowd-funded organization aiming to increase scientific education and build a community of environmental consciousness.

- Compiled contact lists from thousands of B Corps in the UK and reached out to offer our climate course. Edited various contracts and formal documents for AimHi.

- Corresponded with over 200 companies, and assisted in the set up of the intern program.

- Honed skills in interpersonal communication and persuasion, translated of scientific knowledge into a comprehensive form dependent on the recipient, and investigated to discover email addresses.

<https://www.aimhi.earth/our-organisation>

January 2021– June 2022

LANGUAGES

English	Native Proficiency
French	
German	Advanced (C1)
	Upper Intermediate (B1)

SKILLS

Coding

- Proficient in R

(Packages include: 'tidyverse', 'dplyr', 'plyr', 'vegan', 'reshape2', 'ggplot', 'adespatial')

- HTML

In the summer of 2022, I decided to make my own website by teaching myself HTML it can be found in the Website section on page 1

- Microsoft Office Suite
- JMP
- ImageJ

Experienced in editing and summarising works of writing

Fast Learner

- I picked up R in 3 months and coded a website in 1 month off of no prior experience in coding.

Experienced with both formal scientific writing, and literary-style argumentation

Trained in Active listening

Analytical Thinking

Data Presentation

Detail Oriented

Mental and Physical Organisational Skills

Social Media Proficiency

INTERESTS

Cooking & Baking

Photography

Surfing

Hiking

Gardening

Early 19th century fiction

Postmodern authors & thinkers

Bonsai

Chess

Poker

Undergraduate Researcher • Abouheif Lab • Montreal, Canada

- Developed an independent research project to study the nature of Atavisms and Modularity in Horses along with another undergrad.
- The paper is currently entering its final stage before being sent off for review, pre-publishing.
- Constructed a hypothesis and contacted necessary researchers and horse breeders for assistance, followed by an analysis of the results and the construction of a publishable-quality scientific writeup. Final write-up involved using R to construct 6 heatmaps to demonstrate the collated data.

January 2022– May 2022

Undergraduate Researcher • Sunday Lab • Montreal, Canada

- Used R to deal with a large set of Beach Seine data, assisting in the first year of a multi-year study on latitudinal differences in biodiversity along the West coast of North America.
- Wrote over 1300 lines of code and designed 24 figures. This work will be used to assist a PhD candidate and pave the way for the rest of the years of study.
- Learned to use R in 3 months, collaborated through GitHub with a team of graduate students, and presented the findings to the researchers who gathered the data to show the culmination of their effort.

September 2020 – March 2022

Ambassador • AimHi • London, UK

- Publicised AimHi through social media platforms and aid in PR campaigns. Became the first ambassador in the company,
- The Ambassador and Intern program now has over a dozen people involved from countries all over the world all working to help educate companies and individuals on the nature of the climate crisis.
- Learned invaluable lessons in teamwork, and how the early stages of a non-profit pan out. Navigated quickly and successfully the online environment in a first experience with an entirely online role.

VOLUNTEERING

September 2020, September 2021

Access Ally • McGill Orientation Week • Montreal, Canada

- Trained as an Access Ally for 2 Orientation Weeks (2020/2021) to assist in any issues of accessibility, and as a point of support for new undergrads. Took part in active listening and mental health support training to assist and provide support to any sexual assault survivors or other incoming students in need of assistance.

October 2019 – January 2021

Ambassador • Guayaki Sustainable Rainforest Products •Montreal, Canada

- Worked on campus to promote Guayaki's Yerba Mate, practicing public relations and sales promoting sustainable products.

September 2017 – May 2018

Volunteer • Winchester Night shelter for the Homeless •Winchester, UK

- Volunteered at the Night Shelter once a week and promoted public awareness in assisting the homeless population.

May 2017 – September 2017

Volunteer • Sunrise Care Home •Surrey, UK

- Helped to look after residents, keep company, and develop personal communication skills

LEADERSHIP

June 2020– April 2021

Director of PR • McGill Student Cancer Society • Montreal, Canada

- Ran the social media pages for the society, advertising events such as the Relay for Life, and keeping people updated with funding, cancer information and general progress of the society during the COVID 19 pandemic
- Raised over \$15,000 for the Canadian Cancer Society and had over 70 participants
- Ran in the Relay in 2019, individually raising \$1100, and ran over 30km in 12 hours

September 2016– July 2018

Captain of Cross Country and Athletics • Winchester College • Hampshire, UK

- Captain a year young in my second last year, responsible for coordinating training and meets, as well as recruiting new members, maintaining the well-being of the team and keeping up with my own training and fitness.

REFERENCES

Professor Philip Buckley
Patrick Wylie

Professor Ehab Abouheif
Dr Jennifer Sunday