

PARIS EMA PENCHARZ

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SUMMARY

I am a rational, analytical problem solver. Paradoxically, my thought processes and motivation is informed by my deep emotional response to what I experience as the wrongs of the world.

EDUCATION

University of the Witwatersrand

BSc Honours in Animal, Plant and Environmental Science

2020 - present

- **Thesis:** "A spatiotemporal investigation of African honeybee foraging in an urban environment"
- **Course focus:** Global change, urban ecology and evolution, statistics, population modelling

BSc in Animal, Plant and Environmental Science

2017 - 2019

- **Graduated:** With distinction
- **Course work:** Functional ecology in changing environments, palaeontology, medical and applied entomology, biosystematics and evolution, sustainability in environmental sciences, applied freshwater ecology and management, molecular ecology, spatial ecology and conservation.

King David High School Victory Park

IEB National Senior Certificate

2011 - 2015

- **Matriculated:** 8 distinctions with an aggregate of 86%

AWARDS AND SCHOLARSHIPS

2020 Post Graduate Honours Merit Award (*Full scholarship based purely on academic merit*)

2019 Undergraduate Council Merit Scholarship (*Awarded to students with an average above 75%*)
Dean's List (*Recognises the top 10 % of students with a minimum average of 70 %*)
Biological Sciences Prize (*Top third year student in the Biological Sciences*)
Margaret Kalk Award (*Most outstanding third year student in Zoology*)
Certificate of Merit (*All third year subjects taken*)

2018 Undergraduate Council Merit Scholarship
Dean's List
Peter Thompson Prize (*Top Fundamentals of Ecology student*)
Tree Society of Southern Africa Prize (*Top Biotic Diversity student*)
Denzil and Dorothy Carr Prize (*Best pressed plant collection*)
Certificate of Merit (*Evolution, Animal Form and Function, Biotic Diversity, Introduction to Animal Behaviour, Basic Statistics for the Natural Sciences*)
Certificate of First Class (*Aquatic Ecology, Fundamentals of Ecology*)

2017 University Entrance Scholarship
Certificate of Merit (*Introductory Life Sciences*)
Certificate of First Class (*Auxillary Mathematics, Auxillary Physics*)

EXPERIENCE

Teaching Assistant

2020

Responsible for marking weekly assignments for two small group of students (10-15) studying Introductory Life Sciences (1st year) and Aquatic Ecology (2nd year) at the University of the Witwatersrand.

Tutor

2018-2019

Regularly tutored a grade 9 student in French, Biology, Maths, Science, Afrikaans and English. Responsible for creating lesson plans, setting homework and assisting with speeches and essays

Gymnastics Coach

2018-2019

Coached artistic gymnastics to gymnasts ranging from 3 to 14 years of age. Responsible for training a small group of gymnasts in hourly sessions; teaching them new skills; ensuring a physically safe environment; motivating them; and preparing them for displays and competitions.

Habonim Dror Southern Africa - Member & Leader

2012-2018

Habonim Dror is an educational and ideological youth movement. It aims to informally educate the youth on social, political and environmental topics while placing an emphasis on personal growth, leadership, critical thinking and debate. I was heavily involved as a member and a counsellor in the movement for seven years. In 2017 and 2018 I held an elected leadership position as deputy head of a younger age group (12 year old's in 2017; 17 year old's in 2018). I formed part of a small team tasked with planning and running a month-long educational camp. I was jointly responsible for around 100 young members and a team of 20 fellow counsellors. I attended multiple leadership seminars (nationally and internationally) where I developed my organisational, logistical, childcare and communication skills.

Habonim Dror Southern Africa - Leadership Training Programme

2016

To learn the skills required to be a leader in the movement I spent 10 months on a structured gap year programme in Israel. The year was divided into four parts: four months of daily classes where we mainly discussed the Middle East conflict, and explored informal education techniques; one month helping in the almond and olive fields on a kibbutz; four months of communal living and volunteering; and one month of hiking and seminars. As a volunteer, I worked at a youth centre for underprivileged Israeli children where I taught English and ran activities for them.

AFS Intercultural Exchange Programme

Dec 2013-Feb 2014

Spent two months living with a French family in Angoulême, France. I attended school in French and partook in cultural activities with my host family. I befriended students from around the world.

TOOLS

 ArcGIS	●●●○○
 R Studio	●●●○○
 Python	●●○○○
 Vensim	●●○○○

LANGUAGES

 English	●●●●●
 French	●●●○○
 Afrikaans	●●●○○
 Hebrew	●●○○○

HOBBIES

- ✿ Boxing
- ✿ Photography
- ✿ Contemporary Dance
- ✿ Spending time in nature

ADDITIONAL ACHIEVEMENTS

Deputy Head Girl

2014/2015

Managed the elected class representatives from grade 8 - 11. Chaired prefect meetings with the Head Girl and Boy. Gained skills in public speaking, leadership, organisation, responsibility, and resolving conflict.

High School Full Colours

2015

Awarded full colours for Academics, Debating, and Arts & Culture

Gymnastics GL Coaching Qualification

2013

Completed a beginners (GL) coaching course with the South African Gymnastics Federation.

Gymnastics Central Gauteng Colours

2007-2010

Trained in artistic gymnastics from the age of 3 until 14. I received my Central Gauteng Colours for four consecutive years whilst competing at levels 2,3,4 and 5.