

Brayam Porphirio de Souza

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WORK EXPERIENCE

[03/2020 – 01/2022] **Research Assistant**

Thymus Research Laboratory | Oswaldo Cruz Foundation (Fiocruz)

City: Rio de Janeiro

Country: Brazil

Main activities and responsibilities:

- Research, study and produce nanobodies and understand their action on rhinitis and asthma;
- Conduct scientific research and publish a scientific article comprising these results;
- Conduct PCR exams and perform clinical analysis;
- Clean laboratory glassware;
- Conduct cell experiments;
- Discuss scientific articles with laboratory members;

[02/2019 – 03/2020] **Research Assistant**

Laboratory of Immunoparasitology and Toxicological Analyses (LIPAT | Faculty of Pharmacy)

City: Rio de Janeiro

Country: Brazil

Main activities and responsibilities:

- Perform animal experimentation (BALB/c mice);
- Conduct scientific experiments on the collected samples from mice and look for parasitology occurrence (*Schistosoma mansoni* - Schistosomiasis infection);
- Present new findings on experimentation;

[04/2018 – 02/2019] **Research Assistant**

Multidisciplinary Research Centre - Biology in Xerém/UFRJ (NUMPEX-Bio)

City: Duque de Caxias, RJ

Country: Brazil

Main activities and responsibilities:

- Perform cell experimentation and harvesting (RINm5F cells);
- Production of RPMI medium, MTT assay, PBS and HBS buffers, TrypsinEDTA formulation;
- Present new findings on experimentation;

[01/2018 – 03/2018] **Volunteer**

Baheya Hospital

City: Cairo

Country: Egypt

Main activities and responsibilities:

- Perform clinical analysis;
- Examine patients;
- Provide emotional support to patients;

EDUCATION AND TRAINING

[31/08/2021 – Current] **B. Sc. Biochemical Engineering**

University of Debrecen <https://unideb.hu/>

Address: Egyetem tér, 1, 4032, Debrecen, Hungary

[06/2017 – 07/2021] **B.Sc. Biological Sciences: Biophysics emphasis in Biotechnology**

Federal University of Rio de Janeiro <https://biof.ufrj.br/>

Address: 373, Carlos Chagas Filho Ave., G1-019 - Institute of Biophysics Carlos Chagas Filho , Centre of Health Sciences, Federal University of Rio de Janeiro, Cidade Universitária, 21941-902, Rio de Janeiro, Brazil

LANGUAGE SKILLS

Mother tongue(s): Portuguese

Other language(s):

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

Hungarian

LISTENING A2 READING A2 WRITING A2

SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

DIGITAL SKILLS

My Digital Skills

Microsoft Office | Basics Of Python | G-Suite Google (Google Classroom, Google Meet, Google Docs, Google Forms, etc.) | Bioinformatics Tools

PROJECTS

[01/2019 – 02/2020] **Voluntary Teacher at the "Montessori Pré-Vestibular Social"**

- Teach and prepare Biology lessons for senior high school students;
- Simulate exams for admittance to the university;
- Stimulate critical thinking and scientific interest;

[08/2019 – 12/2020] **Bio-CubeSat Researcher at Minerva Sats UFRJ - Aerospace Research Group**

- Perform nanosatellites for astrobiology purposes;
- Conduct scientific experiments;

[01/2020 – Current] **Author at "A Ciência Explica"**

- Write scientific divulgation articles;
- Promote science;
- Stimulate critical thinking;

<http://www.cienciaexplica.com.br/author/bryan-porphirio/>

[11/2020 – 07/2021] **Chief Operating Officer**

Chief Operating Officer at TecX Jr. - Junior Enterprise of the Federal University of Rio de Janeiro, campus Duque de Caxias - developing services in biotechnology, biophysics and nanotechnology fields.

- Designing and implementing business operations;
- Establishing policies that promote company culture and vision;
- Overseeing operations of the company and the work of executives;
- Design and implement business strategies, plans and procedures
- Set comprehensive goals for performance and growth
- Establish policies that promote company culture and vision
- Manage relationships with partners/vendors