

## EDUCATION

---

**Florida International University** | Miami, FL

Bachelor of Sciences

May 2023

Majors: Biochemistry, Natural & Applied Sciences

Minor: Biology

**Relevant Coursework:** General Chemistry + Lab, Organic Chemistry + Lab, General Biology + Lab, Microbiology + Lab, Genetics + Lab, Cell Biology, Immunology, Biochemistry + Lab, Analytical Chemistry + Lab, Physical Chemistry + Lab

**Academic Achievements:** Dean's List student in college of Science and Engineering, National Honor Society member, Academic Excellence Student

**Certifications:** Laboratory Hazard Awareness, Hazard Communication, Fire Safety, Electrical Safety, Microbiology Laboratory Technician, Immunology Techniques.

**Additional Diplomas:** Human Anatomy & Physiology, Drug Development, Experimental Biotechnology

**Awards & Honors:** Junior Olympic champion in synchronized swimming, Time's Person of the Year 2006, Philanthropist

## PROFESSIONAL EXPERIENCE

---

**Academic Tutor | Tutor Me Education | Miami, FL**

August 2022 - Present

- Tutor students in general biology, cell biology, general chemistry, organic chemistry, calculus, differential equations, physics, and ACT/SAT prep
- Maintain a positive and supportive learning environment that fosters intellectual curiosity, critical thinking, and academic success.
- Assist students in improving their academic performance by identifying areas of weakness and developing strategies for improvement.

**Research Scientist | Nicklaus Children's Hospital | Miami, FL**

March 2022 - August 2022

- Design and conduct experiments to investigate scientific questions or hypotheses related to the field of research.
- Analyze and interpret data using statistical software, laboratory equipment, and other tools to draw conclusions and develop scientific theories.
- Maintain accurate and detailed laboratory records, including experimental protocols, data, and results.

**Biological Sciences Supervisor | Florida International University | Miami, FL**

May 2021 - March 2022

- Lecturing general biology
- Provide mentorship and guidance to students, helping them develop study skills, time management, and organization skills that will benefit them throughout their academic careers.
- Collaborate with other educational professionals to identify best practices in science education and develop strategies for implementation.

**Lab worker | Herzen University | Moscow, Russia**

June 2019 - March 2020

- Collaborate with other researchers, including scientists, engineers, and technicians, to plan and execute experiments and analyze data.
- Perform laboratory tests and procedures to support scientific research and development projects
- Conduct quality control tests to ensure accuracy and precision of experimental results.

## SKILLS

---

**Basic skills:** strong analytical skills, critical thinking, communication, quick-learning, flexibility, attention to details, creativity, multi-language

**Lab technical skills:** Microscopy and Staining, Direct and Indirect ELISA, Chromatography, Electrophoresis, Spectroscopy, PCR, Protein Purification, Enzyme Assays, Blotting

**Analytical Tools:** MatLab, Python, Avogadro, VMD, PyRX, Terminal

**Latest Research:** computational chemistry - drugs discovery using computational chemistry tools

## DISSERTATION

---

**Therapy that will be able to cure HIV completely and will be safe for pregnant women**

- Destroying HIV reservoir cells and, thus, cure HIV completely
- Decreasing the risks of birth defects and miscarriage during the therapy, without hurting a mother or fetus
- Maintaining HIV drug resistance
- Exploring drug interactions
- Finding treatment for all stages