

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, 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 technologist | 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: problem solving, critical thinking, collaboration, quick-learning, adaptability, communication, detail-oriented, creativity, time management, organization, leadership, strong work ethics, initiative, emotional intelligence

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

Analytical tools: MatLab, Python, Avogadro, VMD, PyRX, Lynx Terminal, molecular docking, Office 365

Latest research area: drugs discovery using computational chemistry

Languages: English, Russian, Spanish

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