

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, National Honor Society member, Academic Excellence student, Ranked in the Top 10% of class

Certifications: Immunology Techniques, Microbiology Laboratory Technician, Laboratory Hazard Awareness, Hazard Communication, First Aid for Mental Health

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

PROFESSIONAL EXPERIENCE

Academic Tutor | Tutor Me Education | Miami, FL

August 2022 - Present

- Tutoring students in general biology, cell biology, general chemistry, organic chemistry, calculus, differential equations, physics, and ACT/SAT prep
- Maintaining a positive and supportive learning environment that fosters intellectual curiosity, critical thinking, and academic success.
- Assisting 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

- Designing and conducting experiments to investigate scientific questions or hypotheses related to the field of research.
- Analyzing and interpreting data using statistical software, laboratory equipment, and other tools to draw conclusions and develop scientific theories.
- Maintaining 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
- Providing mentorship and guidance to students, helping them develop study skills, time management, and organization skills that will benefit them throughout their academic careers.
- Collaborating with other educational professionals to identify best practices in science education and developing strategies for implementation.

Lab technologist | Herzen University | Moscow, Russia

June 2019 - March 2020

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

TALKS: Methods of computational chemistry in using a single peptide to electrochemically distinguish multiple kinases (Boston, 9/16/2023)
(Madrid, 12/09/2023)

SKILLS

Primary skills: Problem-solving, Critical thinking, Collaboration, Quick-learning, Multitasking, Adaptability, Communication, Detail-oriented, Creativity, Time management, Organization, Leadership, Strong work ethic, Initiative, Emotional intelligence, Office 365, Data analysis

Lab technical skills: Microscopy and Staining, ELISA, Chromatography, Electrophoresis, Spectroscopy, PCR, Miniprep, Protein Purification, Enzyme Assays, Blotting, Calibration, Quality Control, Sample preparation, DNA sequencing, Bioprocess

Computational chemistry tools: MatLab, Pythod, Avogadro, VMD, PyRX, Lynx Terminal, Molecular docking, LigPlot

Languages: English, Russian, Spanish

DISSERTATION

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

- Destroying HIV reservoir cells and, thus, curing HIV completely
- Decreasing the risks of birth defects and miscarriage during the therapy, without hurting a mother or fetus
- Maintaining HIV drug resistance and interactions
- Finding treatment for all stages and reasons of side effects using computational chemistry

HOBBIES & INTERESTS

- Intellectual: Chess, Reading, Writing, Linguistics, Poetry
- Creative: Piano, Vocal, Drawing, Sculpting, Engraving, Embroidery
- Physical: Synchronized Swimming, Ballet, Rhythmic Gymnastics, Running, Skiing
- Other activities: Philanthropy, Volunteering, Outreach programs

Awards & Honors: Junior Olympic champion in synchronized swimming