

PROFESSIONAL SKILLS

- Bioinformatics Analysis
- Genomics
- Python Programming
- R Programming
- Energy and Interaction in Biological Modeling
- Molecular Sequence Analysis
- Java Programming
- Data Bases Design
- Business Budgeting
- Business Forecasting.
- Structural Biology
- Financial Analysis
- Microsoft Office Certified
- Business Computational Analytics
- Bilingual (Spanish & English)
- Statistics for Bioinformatics

EDUCATION

Master of Science in Bioinformatics

University of North Carolina at Charlotte
Computing and Informatics Department
Charlotte, North Carolina 28213
May, 2021

Bachelor of Science in Business Administration.

Emphasis in Financial Services and Economics
Lander University
Greenwood, South Carolina 29649
May, 2017

Minor in Computer Information Systems.

Emphasis in Databases and Software Development.
Lander University
Greenwood, South Carolina 29649
May, 2017

High School

IMG Pendleton School
5650 Bollettieri Blvd.
Bradenton, Florida 4210
May, 2013

PROFESSIONAL EXPERIENCE

University of North Carolina at Charlotte

Programming Teaching Assistant (August 2020- Present)

- Worked with the lead Professor to monitor the class schedule.
- Revised lesson material with students individually or in small groups.
- Graded course material
- Wrote quizzes on a weekly basis.

University of North Carolina at Charlotte

Research Assistant (April 2020- August 2020)

- Explored different software tools for bioinformatic analysis.
- Analyzed wastewater to find traces of Covid-19 on campus.
- Developed a module for school recruiting purposes (still a work in progress).

University of North Carolina at Charlotte

Administrative Assistant (August 2019- April 2020)

- Received and coordinated delivery of lab samples for the department.
- Managed Social Media for the department.
- Helped in redesigning the department's landing page.
- Created a video explaining what the bioinformatics Masters program has to offer. (Currently in the department's website)

Greenwood Genetic Center – Greenwood, SC.

\$26 million Genetic Research and Diagnostic Center

Bioinformatics Analyst (July, 2017 – August, 2018)

- Performed detailed analysis of Next-Generation Sequencing data for research and diagnostic purposes.
- Helped transition to an in-house pipeline for running scripted algorithms to find trends in human DNA.
- Built SQL database for Patient record-keeping.
- Fluency in several programming languages.

Greenwood County Community Foundation – Greenwood, SC.

\$5 million community foundation.

Internship (January, 2017 – May, 2017)

- Led the foundation's process in building their current database.
- Created multiple category structure database of more than 3,500 contacts.
- Updated computers to the latest Windows Software.

Lander University ITS Department – Greenwood, SC

Help Desk Student Worker (2015 - 2017)

- Supervised students through troubleshooting hardware issues.
- Guided staff through steps on how to fix network problems.
- Worked with faculty members on how to improve their technological skills.
- Took care of on-campus hardware.

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Charlotte, NC 28213
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Lander University Academic Success Center - Greenwood, SC

Spanish Tutor (2013 - 2015)

- Aided the university's Spanish department with grading assignments.
- Help group and individual study sessions.
- Helped in grading Spanish 1 and Spanish 2 final verbal presentations.

GRANTS AND SCHOLARSHIPS.

International Student Sports Scholarship

Lander University Men's Soccer Varsity Team

Award of \$10,000 per school year.

International Student Academic Scholarship

Lander University

Maintain 3.0 GPA

Award of \$5,000 per school year.

LICENSES AND CERTIFICATIONS

Microsoft Office Suite Certification (2010)