

# DEREK LI

(352) 672- 0364 • derekli96@ufl.edu • [www.linkedin.com/in/derekli96](http://www.linkedin.com/in/derekli96)

## EDUCATION

University of Florida, 3.94

Master of Science in Information Systems and Operations Management, *Data Science*

December 2021

Gainesville, FL

University of Florida, 3.67

Bachelor of Arts in Business Administration, *Minor in French*

May 2019

Gainesville, FL

## TECHNICAL SKILLS

*Advanced:* R, Excel, Power Point

*Intermediate:* Python, SQL

*Beginner:* Amazon Web Services, Java, Git, SAS

## PROFESSIONAL EXPERIENCE

UF Health

January 2022 - Present

*Biostatistician I*

Gainesville, FL

- Provide statistical consultation and analytical support for principal investigators, co-investigators & other team members from the UF Health Cancer Center (UFHCC)
- Assist in development of protocol designs, data analysis plans, grant applications, and preparation of presentations and publications
- Produce well documented programs for data analysis for special meetings, presentations, and manuscripts in reproducible manners. Works with study investigators on reports and manuscripts
- Independently provides statistical review for proposed protocols submitted to the UFHCC Scientific Review and Monitoring Committee (SRMC) as a statistical reviewer
- Enhance statistical practices through continuing education activities, such as statistical meetings, webinars, and seminars.

UF Health

September 2021 – December 2021

*Biostatistical Intern*

Gainesville, FL

- Assisted biostatistical team in understanding Time-to-Event Keyboard Design for Phase 1 Clinical Trials
- Self-educated methods such as Survival Analysis, R-markdown, and Clinical Trials
- Currently cleaning/analyzing SEER dataset via RStudio

Accenture Consulting Project

May 2021 – August 2021

*Data Scientist*

Remote

Built linear regression and random forest models with Python through an AWS environment to predict shipping costs and identify cost-saving timeframes to ship items for Accenture's federal a final modelling report and translated statistical insights to tangible business impacts as a final presentation for Accenture's federal client's executive team.

- Imported external data sources, feature engineered, and tuned hyperparameters to minimize residuals, improved regression results, and mitigated overfitting
- Consulted with federal clients using Seaborn and Matplotlib visualizations to show best months and day of week to ship certain items, allowing them to save thousands of dollars annually

Teach For America

June 2019 – June 2020

*1<sup>st</sup> Grade Teacher, 4<sup>th</sup> Grade Teacher*

Chicago, IL

Constructed a year-long educational curriculum using student data to efficiently communicate with students by breaking down complex concepts into simple terms. Coordinated schoolwide shift to online teaching during the pandemic while maintaining the school's highest student participation rate at 75% for three months.

- Led a cross-functional team with 4 administrative staff and 110 stakeholders to deliver high expectations and outcomes for each student.

- Analyzed data trends and student behavior through daily testing to best support weaknesses for the next lesson

## **PROJECTS, VOLUNTEERING, & LEADERSHIP**

### ***Student Data Project***

**August 2019 – June 2020**

- Gathered students' academic data through monthly testing and created visualizations to consult with parents about their child's individual needs. Performed T-Tests and found that students who attended Pre-K performed significantly better than students who didn't attend Pre-K

### ***Covid Vaccination Volunteer***

**January 2021- May 2021**

- Oversaw vaccination logistics and personally assisted with administering 2,500 doses

### ***Alumni Chair Relations***

**August 2020 – December 2020**

- Created an online resume book with over 80 student resumes to streamline the job recruitment process for companies and non-profits