

EDUCATION**Georgia Institute of Technology***Graduated 2021 Aug*

M.S. Analytics; GPA 4.00; Topics of note: Deterministic Optimization, Bayesian Statistics, Continuous Improvement, Privacy Regulations; Practicum project: *"Modeling Student Attendance with Binomial Regression"*

University of Florida*Graduated 2013 May*

B.A. Economics, B.S. Psychology; Minor in Educational Studies; GPA 3.74, Cum Laude

WORK EXPERIENCE**Hillsborough County Public Schools****2020 July – Present**

Data Strategist

2020 July – Present

Integrating student data from several systems into user-friendly tools to encourage analysis and progress monitoring; supporting strategic planning for up to 45 low-performing schools serving ~25,000 students. During the 2020-2021 school year, approximately half of 28 supported schools improved from a D/F to a C or better, based on FL Dept of Education's school grade model.

Contracted and Pro Bono Work**2019 Apr – 2020 June**

Developed portfolio of projects in data science, analytics, and system documentation while completing graduate coursework; specifically building skills with R, Python, and SQL.

AMikids**2016 Feb – 2019 Apr**

Research Data Analyst

2017 Nov – 2019 Apr

Ensured the integrity of student data systems for approx. 4000 youth per year from 40+ program sites across FL, SC, NC, LA, MO, TX, GA, NM, and VA; analyzed, validated, and reported to support management, grant/contract compliance, and resource development, including need statistics for target areas for new grant applications using data from ArcGIS and Census Bureau; supported development of new student information system, validated & debugged migration, and began adapting management tools/processes.

Data Coordinator for Vocational Education & Job Placement

2016 Feb – 2017 Nov

Supported data collection and aggregate reporting for 2000+ participants of grant-funded vocational services at 21 program sites across FL, LA, and SC; analyzing, managing, and report writing to support management, grant compliance, and resource development.

City Year**2013 July – 2015 June**

AmeriCorps Team Leader (TL) at Oak Ridge High School in Orlando, FL

2014 July – 2015 June

Coached and led a team of 9 other ACMs on the Darden Foundation Team in south Orlando / Pine Castle; supported data gathering and analysis for 6 other school teams in Orlando site; continued ACM role.

AmeriCorps Member (ACM) at Virgil Middle School in Los Angeles, CA

2013 July – 2014 June

Tutor and mentor for 8th grade students in Koreatown / Pico-Union; event planning and community outreach.

CERTIFICATIONS & OTHER COURSEWORK

- Tableau Desktop Specialist *2020 May*
- Qlik Data Analytics Certification *2020 May*
- IBM Data Science Professional – obtained through Coursera *2019 July*
- Illinois at U-C Acc. Comp. Sci. Fund. – obtained through Coursera *2019 Oct*

SKILLS

Advanced: SQL (4 yrs; MS SQL, PostgreSQL, SQLite), Excel (10 yrs; PivotTables, array formulas, PowerQuery, etc.)

Proficient: Python (2 yr; Pandas, CVXPY, sklearn, Flask); R (2 yr; Shiny); Tableau (1 yr); ArcGIS (<1 yr), Access (<1 yr)

Emerging: Javascript, HTML, LaTeX, Java, VBA, C++