

Brian P. Higginbotham

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Education

North Carolina State University (2023-2024)

Master's Certificate Applied Statistics and Data Management

The University of North Carolina at Chapel Hill (2006-2008)

Master of Information and Library Science

Trinity University, San Antonio, TX (1993-1997)

Bachelor of Arts, History

Skills

R Studio, Python Google Collab, Python Jupyter Notebooks, pySpark, SQLite, GitHub version control, Rapid Insight (Veera Construct & Predict), NextGen Scholarship Manager, Tableau, HTML, Elucian Banner (Oracle DBMS), Microsoft Office (Access, Excel, Word, Powerpoint)

Experience

2016-2021

Western Carolina University

Cullowhee, NC

Senior Assistant Director University Scholarships

- Assessed and analyzed data used to determine best practice and inform decision-making for scholarship awarding cycles
- Created and automated reports, including data preparation and data transformations, for export
- Queried university database for scholarship eligibility audits, including financial data, enrollment data, application data, and registrar data
- Produced Dashboard reports assessing scholarship and financial aid awarding and expenditures for current academic year and benchmarking results with previous academic years
- Maintained scholarship website, scholarship reference support, and usage records
- Advised prospective and current students/families on all aspects of financial assistance programs

2008-2016

Sam Fox School, Washington University in St. Louis

St. Louis, MO

Financial Aid Associate

- Developed a scholarship-based admission/enrollment model to assist with recruitment and retention
- Built and maintained records for all assessment and reporting needs
- Queried student enrollment and financial data to ensure compliance with federal aid regulations
- Developed, organized, and presented financial aid presentations to prospective and incoming students

2006-2008

Durham Public Library/Chapel Hill Public Library

Durham/Chapel Hill, NC

Community Workshop Series Volunteer

- Assessed program data to improve strategies for information literacy programs and resource accessibility
- Developed and instructed user education programs focused on community health research, computer literacy, and employment strategies in collaboration with the Chapel Hill Public Library, Durham Public Library, and the University of North Carolina at Chapel Hill Library

2006-2008

Scholarship Resource Library

The University of North Carolina at Chapel Hill

Chapel Hill, NC

Graduate Assistant

- Provided reference and instruction to parents and students using library materials
- Maintained and developed collection of scholarship resources

2002-2006

Lonestar Tutoring

Austin/San Antonio, TX

Independent Education Consultant

- Developed and organized a comprehensive SAT/College Admissions seminar sponsored by The University of Texas at San Antonio and the Bill and Melinda Gates Foundation
- Consultant and instructor for The University of Texas at San Antonio Office of K-16 Initiatives for GRE/GMAT test preparation programs

Professional Affiliations

- American Library Association
- National Scholarship Providers Association
- North Carolina Association of Student Financial Aid Administrators

Publications

- A Program Evaluation of the Community Workshop Series Classes at the Durham Public Library. A Master's Paper for the M.S. in L.S degree. The University of North Carolina at Chapel Hill, July, 2008.
- *Power Tactics for the New SAT: Algebra*. New York: Spark Educational Publishing – A Division of Barnes & Noble Publishing, 2005. ISBN: 1-4114-0277-4
- *Power Tactics for the New SAT: Data Analysis, Statistics, & Probability*. New York: Spark Educational Publishing – A Division of Barnes & Noble Publishing, 2005. ISBN: 1-4114-0279-0