



<https://github.com/mckmsh>



<https://www.linkedin.com/in/mckinley-herndon-29ab84112>



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434-258-5267



<https://Mckmsh.github.io/AboutMe>

Education

2019. Doctoral Coursework. Leadership and Transformation. 3.88. Concordia University.

2018. Master's of Education: Curriculum and Instruction—STEAM. 3.84. Concordia University.

2016. Bachelor's of Science: Physics. 2.9. Longwood University.

Positions Held

2019—Present. HMSA Science Teacher.

Monticello High School: Charlottesville, VA.

Honors Anatomy and Physiology. Advanced Biology. Sports Medicine 1 and 2.

2017—2019. Science Teacher.

Appomattox County High School (ACHS): Appomattox, VA.

Physics. Botany. Biology.

Design and implement the physics curriculum. Conduct and implement research on best practices.

2008—2013. Lifeguard and Swim Safety Instructor.

Lynchburg Parks and Recreation.

Supervise large groups of patrons. Train new employees. Conduct ground maintenance as needed. Plan and implement swim lessons. Administer medical aid as needed.

Licenses and Certificates

Data Science Research Methods: R Edition. Microsoft.

Statistical Thinking for Data Science and Analytics. Columbia University.

Provisional Teaching License. Physics and Biology.

Professional Organizations and Activities

Alpha Chi Sigma. Longwood University.

Diversity Resource Team. Monticello High School.



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Presentations

“Student Initiative.” November 15, 2019. VAST: Roanoke, VA.

“Problem-based Learning.” November 15, 2019. VAST: Roanoke, VA

“Developing Student-Specific Targets.” February 18, 2019. ACHS: Appomattox, VA.

“My Collar, My Leash.” October 31, 2018. ACHS: Appomattox, VA.

Computer Skills

R.

Shiny.

Git.

PowerSchool.

Blackboard.

Schoology.

Microsoft Office.

Projects

Developed multiple standards-based curricula.

Code to analyze student data.

Code and Shiny to visualize student data .

Relevant Coursework

Educational Research. Concordia University.

Action Research. Concordia University.

Scholarly Writing. Concordia University.

Experimental Design I and II. Longwood University.

Differential and Integral Calculus I and II. Longwood University.



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Fields of Interest

Data visualization.

Data analytics in the Education sector.

Software and program development.

Research.

Languages

French. Limited Proficiency.

References

Sandra Campanella. Master Chief Officer. Longmont PD. 303-774-4720.

Dr. Richard Edmundson. Principal. Christchurch, NZ. en@linwoodcollege.school.nz.

Dr. Jill Williams. Professor. Concordia University. jiwilliams@cu-portland.edu.

David Read. Assistant Principal. ACHS. DLRead@acpsweb.com.