



Danese Caley

EDUCATOR/INNOVATOR

ABOUT ME

I am an enthusiastic, innovative, and experienced educator and curriculum developer passionate about data science and education reform. I have unique experience in classroom instruction, management, standards correlation/alignment, data literacy and technology. My career combines more than a decade of experience in education, curriculum development, teaching with technology, district technology leadership, multiple pilot teams, teacher coaching, and advocacy for special education and underserved populations. In addition, I have a proven track record in content procurement and creation for adolescent and adult learners. I possess excellent written, verbal, and organizational skills. I have collaborated across content areas, grade levels, and organizational functions to coordinate, vertically align and ensure fidelity in implementing educational curricula, paying particular attention to the unique requirements of students with special needs.

WORK EXPERIENCE

2013 to 2023

Oldham County Public Schools | Grades 6-8

Curriculum Development/Social Studies Educator/STEM leader

- Leveraged data analytics to guide formative assessment, summative assessment, and intervention in the classroom
- Developed, taught, and refined a 12 week, 4 Cs-informed course around the United Nations Global Goals with a focus on data science
- Led content creation and lesson plan development to align with new state standards for 8th grade
- Ensured content aligned to standards across grade levels - vertical alignment
- Conducted in-depth research to ensure the quality of primary and secondary sources
- Conducted research on emerging pedagogy and teaching strategy
- Worked collaboratively with special education staff to differentiate process, product and instruction following student IEPs
- Developed district-wide, best-practice-informed educational curricula by Kentucky Academic Standards for Social Studies, Inquiry Design Model, and C3 framework
- Social Studies Department Chair - Secured vertical Social Studies standards alignment to ensure students developed empathy and the capacity to analyze multiple perspectives

2010 to 2013

Jefferson County Public Schools | Grade 8

Social Studies Educator

- Led coordination, funding, and execution of inaugural field trip to Washington DC for 30 underserved students
- Team Leader.- collaborated across content areas and grade levels
- Developed interdisciplinary unit plans
- Designed and implemented Units in Civic Education and US History
- Designed, developed, and revised the behavior management system
- Delivered engaging, culturally relevant, and trauma-informed Social Studies instruction daily
- Developed curriculum focused on diversity and inclusion of all student populations

1999 to 2008

General Electric Company | Information Technology

Client Services Leader/Project Manager

- Liaised with business functions to ensure applications, and websites met strategic and tactical business objectives
- Monitored multiple projects and associated resources from ideation to implementation
- Executed all phases of project management - stakeholder evaluation, requirement collection, development, user acceptance testing, support materials development, and user training
- Committed to detail, quality, and on-time delivery across multiple projects
- Responsible for \$5MM budget - ensured budget fidelity
- Recruited, developed, and managed a team of 15 domestic employees and 30+ overseas contractors
- Responsible for prioritization of development efforts and resource allocation
- Managed on-time, business-wide implementation of Oracle Finance
- Managed system deployment for RFP and RFQ processes
- Earned multiple recognitions, awards, and incentives for outstanding resource management and project delivery



CONTACT

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EDUCATION

MASTER OF ARTS - TEACHING

2010

B.S.B.A. COMPUTER INFORMATION SYSTEMS
1999

NATIONAL VIRTUAL TEACHER CERTIFICATION

May-2024

ACCOMPLISHMENTS

- Six Sigma Black Belt Certification - General Electric - 2007
- Information Management Leadership Program Graduate - GE Appliances
- District Curriculum Design Team for New state standards - Ky - 2018/2019
- Advocate - Center for Women and Families
- Spectrum - LGBTQIA student organization sponsor
- Future City State Champion - Coach - 2021 & 2020
- Founder of ADA club (Advanced Digital Achievement)
- Founder of EOMS Makerspace
- Kentucky Teacher of the year nominee 2018 and 2020
- Teacher of the Year - EOMS - 2019
- Lowe's Innovation Grant Winner - 2017
- MAC Grant Award Winner -2009
- Pyramid Award Winner 2013 & 2018
- Reading Academy Laureate - 2013
- Outstanding Student - Business Education - 2010

