**Andrew J. Ellis**

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I have always been fascinated by the stories that can be told with effective data visualization. As a teacher, I was using data on a daily basis to inform my lesson planning. My expertise in Python, SciKit-Learn, Tableau, and SQL allow me to work with data in new ways which will help me lead to have a larger impact in the education field.

**TECHNICAL PROFICIENCIES And INTERESTS**

* Microsoft Office, Python, SQL, Tableau, Git/Github, Machine Learning, Jupyter Notebook.

**PROJECTS**

TBD

**PROFESSIONAL EXPERIENCE**

***Substitute Teacher,* KIPP Colorado,** Denver, CO August 2017-January 2018

* Dedicated and reliable K-12 substitute teacher who executed lesson plans in teachers’ absence.
* Incorporated technology into students’ learning activities for math and reading subjects.

***Manager of Program Development,* The Science Mill**, Johnson City, TX August 2016-August 2017

* Defined project tasks, requirements, and budgets, documented partner needs, and communicated the mission of the Science Mill to various community stakeholders.
* Coordinated and executed 16 summer STEM Career Immersion camps in Central Texas through multiple partnerships.
* Implemented IBM’s project management principles throughout the year.

***Teacher*, Teach For America (TFA),** San Antonio, TX June 2013-June 2016

* Taught 7th grade math and social studies at a Title 1 school with heavy emphasis on implementing multiple technology-based learning programs.
* Quantified and analyzed the data of 83 different students to inform daily lesson planning and achieve my goal of an 80% pass rate on the state exam.
* As a member of the “Lead4Ward” team, calculated realistic data goals for all tested subjects at the campus and trained the staff on monitoring student progress.

**EDUCATION**

***Data Scientist*, General Assembly**, Denver, CO January 2018-April 2018

* Completed 12-week long training program dedicated to give students a deep dive into the world of Data Science.
* Proficient in Python, SQL, Tableau, Git/GitHub, and Machine Learning.

***Wake Forest University***, Winston-Salem, NC May 2013

* Double Major in Economics and Anthropology

**AWARDS**

***Sue Lehmann Fellowship Nominee*** February 2015

* Award recognizes innovative work for fostering substantial personal and academic growth in their students. It is one of the highest honors a TFA teacher can receive.