Adam Erler

**Data Scientist**

*Data scientist and teacher with a wealth of professional experience. A constant and continuous lifelong learner with a drive to fully understand and comprehend the issues presented to me. Avid dog lover and 3D printing nerd. Looking for to further my career to meet more demanding and exciting challenges.*

**Adam.erler101@gmail.com**

**(224) 388-8746**

**WORK EXPERIENCE**

# Education Strategy Consulting

### Data Analyst, Salary

Chicago, IL | 2023 - Present

* Responsible for the data during the entire ELT cycle
* Created API interface for programmatic Google searches, reducing time spent on workflow for related tasks by at least 80%

**GLAN**

Data Scientist, Contract

Crown Point, IN | 2023 -

* Created cross document referencing tool employing TF-IDF NLP techniques.
* Created data visualizations to assist in interpretation of model results.
* Implemented API connection to LLM models to facilitate further extrapolation from data and business connections.

# Concept Schools

### STEM Teacher, Mentor and Data Analyst, Salary

Chicago, IL | 2018 - 2023

* Taught: Dual Credit Pre-calculus, AP Physics, Computer Science Principles, Web Design, Game Design (C#)
* Wrote two grants to fund PLTW and Game Design classes valued at over $100,000
* Instituted data driven procedures and practices improving student outcomes on state tests by at least 5%
* Mentored new staff, meeting daily and supporting achievement of professional goals

# Hammond Academy of Science and Technology

### Computer Science and Math Teacher, Department Head. Salary

Hammond, IN | 2014 - 2018

* Taught: Algebra 1, Geometry, Web Design, Computer Science Principles
* Developed a data based math remediation program that lead to the school scoring the second highest in growth in the state of Indiana in 2018 on the 10th grade math ISTEP
* Collaborated with local business partners to fund a new computer science program earning over $30,000 in donated laptops

**TECHNICAL SKILLS**

* **Programming**: Python, JavaScript, R, MATLAB SQL, HTML/CSS
* **Supervised Learning**: linear and logistic regressions,

decision trees, support vector machines (SVM)

* **Unsupervised Learning**: k- means clustering, principal

component analysis (PCA)

* **Data Visualization**: Excel, Google Sheets, Seaborn, Matplotlib, Power BI, LaTex

**SOFT SKILLS**

* Communication
* Leadership
* Organizational Skills
* Grant Writing
* Time management

## EDUCATION

**M.S. Data Science**

Bellevue University 2023

Bellevue, NB

GPA: 4.0

**M.S. Mathematics**

Purdue University Northwest

2019

Hammond, IN

GPA: 3.95

**B.S. Mathematics**

Southern Illinois University

2014

Carbondale, IL

GPA: 3.65