

# Alexander Munger

DATA ANALYST · MATH TEACHER

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## Summary

Work experience in data analytics and technology advisement, building, deploying, and managing PHP websites with SQL databases. Additional work experience in teaching and tutoring, high-school through college-level math and physics. Looking for a position in data analytics or data science.

## Skills

**Technical** Python, R, MySQL, PHP, HTML/CSS, JavaScript, MATLAB, PowerShell Scripting, Microsoft Excel, Microsoft Power BI, Microsoft Fabric, Microsoft Azure, Data Analysis, Database Management, AI Prompting Research (Claude, ChatGPT), Machine Learning

**Soft** Data Presentation, Research Methods, Pedagogy, Teaching

**Languages** English (Native), Spanish (Professional working proficiency), Russian (Limited working proficiency)

## Education

### University of Tennessee, Knoxville

CERTIFICATE OF DATA ANALYTICS AND VISUALIZATION - QUICKSTART

*Knoxville, TN*

*Jan. 2025 - May 2025*

- Topics of study included: Python, Microsoft PowerBI, Microsoft Fabric, Microsoft Excel, Data Presentation
- Project-based certification with real-world data analysis simulation exercises.

### Georgia Institute of Technology

BACHELOR OF SCIENCE IN INTERNATIONAL AFFAIRS WITH A MINOR IN PHYSICS

*Atlanta, GA*

*Aug. 2013 - May. 2019*

## Work Experience

### Munger & Stone, LLP

WEB DEVELOPER, TECHNOLOGY ADVISOR

*Atlanta, GA*

*Jul. 2022 - Jun. 2024*

- Delivered enhanced data management solutions by strategically planning data storage and ensuring confidentiality.
- Utilized SQL for database management and PHP with Laravel for user-friendly interfaces.

### East Ridge High School

MATH TEACHER

*Chattanooga, TN*

*Jul. 2021 - Jul. 2022*

- Taught Algebra II (on-level 11<sup>th</sup> grade) and Analytic Geometry (on-level 10<sup>th</sup> grade).
- Enhanced student understanding of Algebra II by implementing data-driven assessments.
- Assistant varsity baseball coach.

### Freelance

PRIVATE TUTOR & WEB DEVELOPER

*Various (GA)*

*Aug. 2017 - Jul. 2021*

- Tutored undergraduate as well as high-school students in subjects such as Calculus I, Calculus II, Differential Equations, SAT Math, Algebra II, and College Physics.
- Re-designed CSS and HTML page structure for University of Georgia Department of Academic Enhancement website [[dae.uga.edu](https://dae.uga.edu)]
- Maintained original web services (HTML website) for Munger & Stone, LLP.

### Cedar Shoals High School

MATH TEACHER

*Athens, GA*

*Jul. 2019 - Jul. 2020*

- Taught Algebra II (on-level 11<sup>th</sup> grade) and Analytic Geometry (on-level 10<sup>th</sup> grade).
- Enhanced student understanding of Algebra II by implementing data-driven assessments.
- Assistant JV girls soccer coach.

## Certificates

2025 **Microsoft Power BI Data Analyst**, Microsoft Corporation