

# Zachary Walton

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## EDUCATION

### Boston University

*BS in Data Science, BS in Mathematics (Statistics, pending paperwork)*

September 2024 - expected May 2028

Boston, MA

- **3.43 GPA**, 1x Dean's List
- **Data Science Association**, AI Society, Toastmasters International, Terrier Ride Engineering, Sports Analytics Group
- Coursework: **Advanced Data Mechanics**, Product Management Practicum, Software Engineering Career Practicum

## WORK EXPERIENCE

### IBM

*Procurement & Data Analyst Intern*

June 2026 - September 2026

Research Triangle Park, Raleigh, NC

- Incoming Intern specializing in quantitative risk modelling

### Boston University Athletics

September 2024 - Present

*Data Analytics & Statistics Intern*

Boston, MA

- Created & Managed Data surrounding participation, leadership, and logistical processes
  - o Pioneered Python (Pandas) and SQL for large data applications within department
  - o 597 Student Athletes given surveys, automated feedback, and communications about events using API-based Artificial Intelligence applications

### Delaware Department of Education

July 2023 - July 2024

*Data Analyst Liaison & Intern*

Dover, DE

- Provided for over 50,000 public school students; Created & analyzed streams of data from students directly to legislation

## PUBLICATIONS

Honaker, S., McQuillan, M., Khan, S., Hidrogo, M., Huynh, E., Walton, Z., & Meltzer L. (2025, September). *CBT-I Teen: An adapted protocol developed for and with adolescents and other stakeholders*. Presented at the World Sleep Congress, Singapore.

\*Manuscript under review\* Meta-analysis for CBT-I treatment in school-aged & adolescent insomnia patients. Anticipated publication in Q2 2026 in **Society of Behavioral Sleep Medicine Journal**.

\*Manuscript in progress\* Clinical recommendation for Cognitive Behavioral Therapy in teenaged insomnia patients. Anticipated publication in Q3 2026 in **Society of Behavioral Sleep Medicine Journal**

## PROJECTS

### Eurydice Literary Magazine: [eurydicelit.org](http://eurydicelit.org)

June 2024 - Present

*Webhosting, Backend*

Remote

- Designed frontend (CSS, HTML) and backend (Pandas, SQL, and Excel) for 34,000+ page visits and 1,800+ submissions

## AWARDS

### Congressional Award, Gold Medal

June 2023

*Highest Civilian Award Given by Congress*

Washington, DC

- Over 2600 hours of total service including volunteering & humanitarian events, as well as STEM personal development.

### Eagle Scout

September 2024

*Highest Award in Scouting*

Newark, DE

## SKILLS

*Statistical Data Analysis; Multi-flow Analytics; Survey design; SQL; Python; Pandas; Scikit-Learn; AI & ML; Rust, Pytorch, MySQL, Linux, Unix, Software Engineering, Product Management, Clinical Data, Research Applications*