

Matthew Sandell

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MatthewSandell.com

Education

Eastern Washington University, Cheney, WA

September 2023 – March 2026

Bachelor of Science, Data Analytics

GPA: 3.97

Relevant coursework: Business Statistics 1 & 2; Database Applications 1 & 2; Multivariate Data Analysis; Mixed Research Methods; Optimization Via Management Science; Data Science Capstone Sequence, Business Forecasting, Data Visualization

Bachelor of Science, Economics

GPA: 3.97

Relevant coursework: Money & Banking, International Economics, Public Finance & Public Policy, Econometrics, GIS for Social Sciences

Olympic College, Bremerton, WA

September 2021 – June 2023

Associate in Arts, High School Diploma (Running Start Program)

GPA: 3.76

Relevant Coursework: Microeconomics, Macroeconomics, Calculus 1

Work Experience

Institute for Public Policy & Economic Analysis

May 2025 – March 2026

Data Intern

- Updated and rebuilt datasets for community indicators and county Trends projects
- Developed new indicators and led a new Trends project with the Yakama Nation

- Collaborated with local, state, and national agencies to source and organize data

Eagle Startup Center at Eastern Washington University

November 2023 – June 2025

Administrative Assistant

- Planned and executed annual startup competitions for college students in the area
- Created promotional materials and marketed events and programs
- Collaborated with staff to ensure smooth running of Ideation Lab and competition activities

Technical Skills

- Installing, configuring, and operating database management systems Oracle, MySQL, MongoDB, Microsoft SQL Server, and Microsoft Access
- Experience with dialects of SQL: T-SQL, PL/SQL, and ANSI-SQL
- Data analysis using statistical programs SAS and MiniTab
- Proficiency in Microsoft Office Suite: Excel, PowerPoint, Word, Access
- Programming for statistics using R and Python
- Machine Learning algorithms including regression, discriminant analysis, principal component analysis, and forecasting methods
- Optimization and modelling
- Cartography and spatial analysis via ArcGIS Pro

Awards & Certifications

- Microsoft Office Suite Expert: Excel Expert, Word Associate, PowerPoint Associate, Access Expert
- CITI Program – Social and Behavioral Research, Conflicts of Interest, Responsible Conduct of Research
- Graduated summa cum laude
- President's List Distinction Fall 2022, Spring 2023
- Dean's List Distinction Fall 2021 - Spring 2022, Winter 2023, Fall 2023 – Winter 2026
- Certificate of Achievement in Leadership received from Running Start Club (2021 – 2022)