

Valon Haslem

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EDUCATION

Bachelor of Science in Applied Mathematics & Economics

Grad Date: May 2026

Concentration in Computer Science | GPA: 3.94

Gonzaga University | Spokane, WA

President, Society of Industrial and Applied Math – President, Pi Mu Epsilon Chapter - Outstanding Junior in Mathematics Award – Gonzaga President's List – Club Sailing Team

RELEVANT COURSEWORK

Mathematics: Applied Statistical Models, Medical Statistics, Probability Theory, Real Analysis

Computer Science: Database Management Systems, Data Science Algorithms

Economics: Econometrics, Money and Banking, Game Theory, Regression Analysis

TECHNICAL SKILLS

Python | RStudio | Microsoft Office | MATLAB | Overleaf | SQL | Object-Oriented Programming

PROFESSIONAL EXPERIENCE

Mathematics Research Assistant

August 2023 – Present

Gonzaga University Math Department, Spokane, WA

- Studying combinatorial properties of games under Kat Shultis and Hays Whitlatch.
- Contributed to idea generation, research development, and presentation to faculty.
- Submitted a research paper to the Mathematical Intelligencer Journal.
- Presented poster at the 2025 Joint Mathematics Meeting.
- Aided in refereeing a mathematics paper for Theory and Applications of Graphs Journal
- Grading 25 homework assignments per week for undergraduate discrete structures class.
- Proctored midterm assessments for undergraduate precalculus class.

Mathematics Tutor

January 2024 – Present

Gonzaga University Math Department, Spokane, WA

- Tutoring 20 students per week in calculus, statistics, economics, and computer science.
- Enhanced soft skills, collaborative abilities, and passion for teaching.

GRO-MECS Researcher

May 2025 – August 2025

Gonzaga University School of Engineering and Applied Science, Spokane, WA

- Conducted research on topological invariants of knots under Dr. Kate Kearney.
- Communicated results and findings in multiple poster and slideshow presentations.
- Writing a paper for submission to an undergraduate research journal.

Medical Statistics Research Assistant

January 2025 – July 2025

UW School of Medicine – Gonzaga University Health Partnership, Spokane, WA

- Aided current DNAP students in conducting statistical analysis using R on medical data to study post pulmonary condition influences.
- Worked under Dr. Joe Colorafi to conduct data analysis on AIBOT medical student chatbot aide dataset.
- Assisted Dr. Karen Colorafi to design SPSS guidelines on repeated measures ANOVA and interrupted time series (ITS) analysis for medical students.

SERVICE EXPERIENCE

Middle School Volunteer Leader

May 2023 – May 2024

Gonzaga Center for Community Engagement, Spokane, WA

PROJECTS

A Novel Method to Calculate Ventilatory Threshold

October 2025 - Present

Stochastic Modeling of Current Linguistic Trends

August 2025 – Present

Spotify API Research on Artist Recommendations

June 2024 – Present

Economic Impacts on Children of Divorce

September 2024 – December 2024