

# Valon Haslem

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## EDUCATION

### Bachelor of Science in Applied Mathematics & Economics

Graduation Date: May 2026

Concentration in Computer Science

Gonzaga University | Spokane, WA

GPA 3.95 | Honors Program | President's List | President, Society of Industrial and Applied Mathematics | President, Pi Mu Epsilon (Mathematics Honor Society) | Member, Omicron Delta Epsilon (Economics Honor Society) | London Spirituality Study Abroad Program

**Mathematics Coursework:** Abstract Algebra, Applied Linear Algebra, Applied Statistical Models, Complex Variables, Probability Theory, Real Analysis I, II, Stochastic Processes, Topology

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

**Computer Science Coursework:** Data Science Algorithms, Database Management Systems

## TECHNICAL SKILLS

Python | RStudio | Microsoft Office | MATLAB | C++ | Overleaf | SQL

## PROFESSIONAL EXPERIENCE

### Research Assistant

August 2023 – Present

Gonzaga University Math Department, Spokane, WA

- Collaborating on a Combinatorial Study of Games under Dr. Kat Shultis and Dr. Hays Whitlatch.
- Gained expertise in Overleaf, combinatorics, and research methodology at the collegiate level.
- Co-developed and presented a poster at the 2024 PiMUC, awarded "Best Poster." Also presented Poster at the 2025 Joint Mathematics Meeting.
- Preparing a research paper for submission to a mathematics research journal.

### 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 teaching methodologies.

### Summer Operations Assistant

June 2024 – August 2024

Gonzaga University Event Services, Spokane, WA

- Managed logistics and operational tasks at the Gonzaga Hemmingson Center.
- Solved critical issues in organizational structures within storage and event centers.

## SERVICE EXPERIENCE

### Middle School Volunteer Leader

May 2023 – May 2024

Gonzaga Center for Community Engagement, Spokane, WA

- Facilitated student mentoring between Shaw Middle School students and undergraduates.
- Emphasized mentor bonding, continual support for families, and vocational thinking.
- Increased middle school student retention and engagement.

## PROJECTS

Doctor of Nurse Anesthesia Statistical Analysis

January 2025 – Present

KenPom Data Analysis with kNN Classification

December 2024 – Present

Economic Impacts on Children of Divorce

September 2024 – December 2024

Spotify API Research on Artist Recommendations

June 2024 – August 2024

Conformal Mapping and the Cortical Mapping Problem

March 2024 – May 2024

## AWARDS

Outstanding Junior in Mathematics - Gonzaga Mathematics Department

April 2025

Best Poster Award – Pacific Inland Mathematics Undergraduate Conference

April 2024