

Eugene Thompson

Lansdale, PA • eugeneysathom@gmail.com • 267-421-8544
linkedin.com/in/eugene-hys-thompson • github.com/euhystho

Education

Ursinus College

Bachelor of Science in Applied Mathematics, Computer Science Minor, 3.91/4.00
Honors: Summa Cum Laude, Kappa Mu Epsilon Honor Society, Dean's List
Coursework: Mathematical Statistics, Numerical Analysis, Software Engineering

Collegeville, PA
May 2025

Skills

Languages & Querying: SQL, Python, R, Java, JavaScript, HTML/CSS
Reporting & BI Tools: Tableau, Power BI, Excel (pivot tables, VLOOKUP, Power Query)
Visualization: Plotly (Python, R, JS), R Shiny

Experience

Wegmans Food Markets

Front End Cashier / eCommerce Store Shopper

Montgomeryville, PA
October 2021 – Present

- Improved transaction processing speed, exceeding target by 25% while maintaining accuracy in high-volume checkout.
- Consistently met eCommerce shopping time goals, completing orders 20-25% faster using inventory systems for accurate fulfillment.
- Collaborated with managers to propose operational improvements, documenting issues and solutions to enhance store efficiency.

Ursinus College – Student Financial Services Office

Student Financial Technology Development Intern

Collegeville, PA
February 2025 – May 2025

- Developed six specialized web-based financial calculators using HTML/CSS/JavaScript and Plotly.js hosted on Canvas to support student financial decision-making.
- Implemented Monte Carlo simulations with D3.js to produce probabilistic market forecasts and investment projections for educational use.
- Collaborated with alumni and stakeholders to align technical features with educational objectives and user requirements.
- Authored comprehensive documentation and onboarding guidelines to accelerate future intern ramp-up and maintain code continuity.

Project and Research Experience

Ursinus College – Statistics Department

Undergraduate Researcher

Collegeville, PA
August 2024 – May 2025

- Developed an R Shiny dashboard visualizing global GDP and democratic change trends and presented findings to the department, yielding measurable stakeholder engagement.
- Designed and executed a statistical simulation study on post-menopausal women's health using experimental design methods in R and presented results to the campus community, producing actionable insights.

DataFest Philly 2025 – Villanova University

Data Analyst Competitor

Villanova, PA
March 2025

- Analyzed commercial real estate datasets (2018–2024) to identify investment trends and opportunities across the Greater Philadelphia market.
- Developed interactive GIS-based visualizations to communicate spatial market trends to industry judges.