

# Gavin Pilato

M.S. Analytics Candidate | Data Science Graduate

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## EDUCATION

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| <b>Georgia Institute of Technology</b><br>Master of Science in Analytics<br>GPA: 3.80                                                  | <b>Expected Dec 2026</b> |
| <b>University of North Carolina at Charlotte</b><br>Bachelor of Science in Data Science   Charlotte, NC<br>Magna Cum Laude   GPA: 3.80 | <b>May 2024</b>          |

## TECHNICAL SKILLS

Python • Excel • Google Sheets • SQL • R • Statistical Modeling • Machine Learning • Time-Series Forecasting • Data Cleaning • Git/GitHub

## SELECTED PROJECTS

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| <b>USPS Mid-Atlantic Conference Operations System</b><br>Developer & System Administrator   Independent Project<br>Production operations and payment platform supporting approximately 50 teams and conference administrators. <ul style="list-style-type: none"><li>Designed and built a production platform that centralizes schedules, game payments, travel information, and game-change requests previously managed across spreadsheets, text messages, and disparate payment methods.</li><li>Integrated Authorize.net payment processing and implemented business rules for late fees, travel-sheet eligibility, and multi-party schedule-change approvals.</li><li>Administer a live system built with TypeScript, Supabase, Vercel, GitHub, and Resend that has processed \$200,000+ in game, late, and change fees.</li><li>Implemented role-based access for team personnel, league administrators, league leadership, and referee management, providing a shared authoritative schedule and operational record.</li></ul> | <b>Jul 2025 - Present</b> |
| <b>Analytics Practicum — The Home Depot</b><br>Georgia Tech M.S. Analytics<br>Industry-sponsored demand and forecasting project supporting retail workforce planning. <ul style="list-style-type: none"><li>Contributed to a hybrid demand-forecasting system combining XGBoost and SARIMAX with historical demand, weather, seasonality, promotional events, and store characteristics, with a focus on time-series modeling in Python.</li><li>Built and evaluated store-level weekly forecasts using rolling historical backtests, with the final approach improving on historical forecasting baselines.</li><li>Contributed to an end-to-end forecasting workflow spanning data preparation, feature engineering, model evaluation, daily forecast allocation, validation, and business-facing visualization.</li></ul>                                                                                                                                                                                                          | <b>Summer 2026</b>        |

## EXPERIENCE

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| <b>Operations &amp; Referee Development — Carolina Referee Organization</b><br><i>North Carolina</i> <ul style="list-style-type: none"><li>Helped modernize NCYSA disciplinary administration by developing Jotform reporting and appeals workflows and centralizing records in Notion and Google Sheets supporting 200+ suspensions.</li><li>Support tournament operations across scheduling, site coordination, referee management, and real-time communication during weather and other operational disruptions.</li><li>Mentor 100+ developing referees through match observation and individualized feedback and support referee and coach education initiatives.</li><li>Prepare and reconcile league invoices using match and fee data from Arbiter and assist with other financial and administrative processes.</li></ul> | <b>Jan 2023 - Present</b> |
| <b>Regional Referee   NCAA Official — U.S. Soccer Federation / Collegiate Soccer</b> <ul style="list-style-type: none"><li>Officiated 1,500+ matches across youth, collegiate, semi-professional, and professional-preseason competition, including NCAA, USL League Two, USL W League, NPSL, and MLS preseason.</li><li>Earned promotion to USSF Regional Referee in 2024 through competitive match assessments, advanced fitness standards, and demonstrated performance in adult competition.</li><li>Lead crews of 3-4 officials in high-pressure matches, making real-time decisions and communicating with players, coaches, captains, and game staff.</li><li>Maintain annual fitness, assessment, certification, and rules-education requirements while traveling 10,000+ miles per year for assignments.</li></ul>        | <b>Jan 2020 - Present</b> |

## HONORS

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| <b>North Carolina Young Referee of the Year (Male)</b> | <b>2021</b> |
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