

Joel Paul
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EDUCATION

Memphis University School **Memphis, TN**
GPA: 4.96; Summa Cum Laude, National Merit Finalist, Presidential Scholar Nominee, NHS *Aug. 2021 – May 2025*

Texas A&M University **College Station, TX**
Skipped ETAM, Auto CS admit; BS in Computer Science, National Scholar *Aug. 2025 – May 2029*

EXPERIENCE

Maroon Fund **College Station, TX**
Quant Analyst *Aug. 2025 - May 2026*

- **Premise:** Fastest growing investment fund at Texas A&M. Earned a position after rigorous application and interview cycles. Worked on multiple models using dip detection strategies and machine learning models.
- **Skills:** Financial Modeling, Python, DSA, Comprehension of Market Trends, XGBoost, ML

Governor’s School for Computational Physics **Clarksville, TN**
Computer Programmer *June 2023*

- **Premise:** Collected data on probes and applied vector analysis to predict y-values for various inputs.
- **Skills:** Used calculus and physics, built simulations in Fortran 95 including 1-D Heat Equation, N-body gravity, and harmonic motion; Primarily worked on Linux.

MUS Robotics Team **Memphis, TN**
Engineer & Programmer *2019 – 2024*

- **Competitions:** FTC State semifinalist (2023, 2024); FTC Design Award (2023).
- **Skills:** Built VEX and FTC robots and programmed the remote controller in Java and C++, led design team for the paper plane launcher 2025

PROJECTS

Formula 1 Prediction Algorithm **Memphis, TN**
Summer Project *July - August 2025*

- **Premise:** Developed an F1 race winner prediction model using machine learning and FastF1 data, incorporating driver, team, and track statistics to achieve data-driven performance forecasting.
- **Skills:** ML, Data Analysis, Feature Engineering, Model Evaluation and Tuning, Sports Analytics and Predictive Modeling, Python, Matplotlib, pandas, Jupyter Notebooks

LEADERSHIP

Civic Service Organization **Memphis, TN**
Vice President, President *2022 – 2025*

- **Impact:** Led school-wide events around Memphis; organized food distributions and tutoring drives, largest student-led club, maintained grade leadership roles; 100% student body participation; Led grant efforts fundraising more than \$10,000 in one semester for student-led service projects

LANGUAGES AND INTERESTS

Languages: Python, C++, HTML/CSS, Java, LaTeX, JavaScript, Fortran 95

Interests: Formula 1, Cars, NBA (Grizzlies), Soccer, Piano, Clarinet, Poker, Movies, Music, Poetry, Chess

HONORS AND AWARDS

ACT Score: 36/36 Composite

President’s Volunteer Service Award: Gold (2025: 250+ hrs), Bronze (2024: 150+ hrs)