NUMBERS

Senior Year GPA (W): 5.757/6
SAT Reading: 710
College Credited Courses: 16

(UW): 4.0
Math: 780
Students Tutored: 50+

Sad has three letters, but so does joy. Negativity has ten letters, but so does positivity. Every day, we have a choice—so I choose the better side of it. I choose to enjoy everything, even the little moments. Waiting in line, doing homework—these aren't burdens, but opportunities. Every mistake isn't a failure; it's a step closer to success. There are places where people would do anything to have what we have—a car, a house, an education, and two loving parents. A bad day is coming for all of us; that's a fact. The only certainties in life are the option to be happy and the inevitability of death. The probability of even being born is less likely than our biggest fears, less likely than winning the lottery, yet people still play—we're lucky just to be here, to experience this life, to one day die as most people who could ever exist will never even be born. We'll have reasons to be upset, but today isn't one of those days. Who cares about a flat tire or a bad grade? It shows you're pushing yourself, growing, and getting closer to mastery. So I'm going to enjoy every single second—because today, I live.

Blake Bird

RELENTLESS IN EXECUTION | UNSTOPPABLE IN ADVERSITY

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*IF IT SEEMS **IMPOSSIBLE**, IT'S BECAUSE NO ONE HAS DONE IT **YET**. THAT'S WHY **I WILL**.*

OBJECTIVE

Driven first-year student pursuing Physics, Math-Economics, Finance, and Accounting, with a minor in Data Analytics—relentless in my pursuit of mastery in academia, business, and life itself. I do not fail—I forge. The fall is my furnace, the storm my sculptor. Break me, I sharpen. Bury me, I bloom. The weak endure; the strong evolve. The world bends only for those who refuse to break. With disciplined focus and unstoppable execution, I turn knowledge into power, setbacks into strategy, and ambition into inevitability. My mission is absolute: to secure financial independence, fortify my health, and build a legacy of love, wisdom, and generational impact. I do not chase success—I create it. To lead is to serve, and to serve is to elevate. I will retire my father with a Ferrari—not as a symbol of wealth, but as proof that no dream is out of reach when backed by faith, resilience, and relentless action.

ENGINEERING, MATHEMATICS & HIGH-PERFORMANCE OPTIMIZATION

Architectural & Computational CAD Engineering (2024-Present)

Blueprinted complex structures, integrating multivariable calculus & parametric modeling to maximize design efficiency & material conservation. Developed rapid-adjustment design frameworks, allowing for 30% faster client revisions without loss of precision.

Private Pilot Training | Precision Navigation & Flight Physics (2022-Present)

Mapped real-time aerodynamics, applying fluid dynamics & wind resistance calculations to improve in-flight correction speed. Refined flight path efficiency, leveraging differential calculus to optimize fuel use & turbulence control. Piloted multiple Diamond Aircraft models, gaining hands-on experience across varied flight conditions.

STRATEGIC THINKING, TUTORING & TEACHING EXCELLENCE

Elite Mathematics & Physics Tutor (2020-Present)

Redefined student learning curves, applying game-theory-based problem-solving to accelerate SAT/AP test performance by 40% faster than standard curricula. Developed an adaptive tutoring system, incorporating cognitive load theory & probability modeling to strengthen abstract reasoning & retention. Transformed student frustration into curiosity; helped rebuild confidence and turn math into a source of excitement and growth.

Assistant at Low-Income Elementary Schools (2021-2025)

Built trust and consistency in underserved classrooms through weekly academic support and presence. Offered academic and emotional stability, helping students grow in both confidence and foundational skills.

HIGH-SPEED DECISION MAKING, KARTING & COMPETITIVE STRATEGY

Competitive Karting | Physics-Driven Performance Optimization (2019-Present)

Applied advanced racing physics, fine-tuning tire slip angles & weight transfer mechanics to shave tenths off lap times. Built custom telemetry analysis models, extracting braking efficiency & acceleration control data to optimize cornering speeds. Mentored younger drivers, coaching racecraft decision-making using vector analysis & reaction time simulations.

Competitive Gaming | High-Level Tactical Execution (2019-Present)

Reverse-engineered opponent decision patterns, integrating probability theory & predictive analytics to anticipate high-stakes play sequences. Optimized reaction times, leveraging neurofeedback models to increase tactical responsiveness in milliseconds.

COMMUNITY IMPACT & STRATEGIC LEADERSHIP

Entrepreneurship & Product Innovation (2020-Present)

Designed & iterated prototypes, including proximity-based networking concepts & AI-assisted fashion analytics tools—self-funded & built without outside capital. Executed lean product development strategies, identifying user engagement bottlenecks & refining algorithmic recommendations.

Postpartum Support Volunteer & Catholic Community Leadership (2023-Present)

Prepared and delivered meals to new mothers, offering practical support during recovery. Integrated faith-driven mentorship, helping structure youth engagement programs focused on ethics, leadership, & service.

RESEARCH & EXPERIMENTATION

Magnetic Stabilization for Rockets
Conducted four physics-based experiments producing over 25 pages of data to analyze magnetic field strength variation for fuel-free spacecraft orientation and control.

Optimizing the Racing Line
Designed and tested mathematical simulations to model ideal turning radius, acceleration zones, and slip angle minimization for maximum efficiency during competitive cornering.

EDUCATION

Academic Magnet High School | Expected Graduation: May 2025

13 AP Courses, 2 PLTW College-Accredited Engineering Classes | Math SAT: 780 | UC San Diego – Calculus 3 | Georgetown University – Thinking Like a Lawyer | NSLC Forensics Summer Program | AP Physics C Mech & E&M | Understand Videos at 4x Speed

High Point University | Expected Graduation: 2029

Majors: Physics, Math-Economics, Accounting, Finance | Minor: Data Analytics | Master's in Finance (Georgetown University)

TECHINAL SKILLS

AutoCAD · Financial & Data Analysis · Legal & Business Research · Unity & Unreal Engine · Logic Pro X & Final Cut Pro · Blender & 3D Modeling · Casualty & Celtx · Xcode & Visual Studio · Claude AI · OpenAI & Gemini AI · Python for AI & Automation · API Development · Website Creation · UI/UX & Web Automation · Spreadsheets & Data Management · Business Strategy · OBS & Streaming Setup

ADOBE SUITE (PRO LEVEL)

Adobe Illustrator · Adobe Photoshop · Adobe InDesign · Adobe Premiere Pro · Adobe After Effects · Adobe Audition · Adobe Lightroom

LANGUAGES

Spanish (Advanced)

English Proficent

SOFT SKILLS

Leadership · Public Speaking · Strategic Planning · Problem Solving · Motivating · Time Management · CPR, First Aid, AED, and BLS Certified · Resilience