Mael Schuler

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EDUCATION

Trinity University, *Intended Graduation: Spring 2027*   San Antonio, TX
- *D.R. Semmes School of Science:* Major in Financial Mathematics & Minor in Mathematics   Spring 2027
- *Neidorff School of Business:* Major in Theoretical Economics & Minor in Data Science   Spring 2027
- *Cumulative GPA*: 3.77/4.00 | *Honors:* Dean's List (December 2023)

STUDENT INVOLVEMENT & LEADERSHIP

First Generation Investors, *Chapter President, Correspondent, & Student-Teacher,* San Antonio, TX   December 2023 – Present
- Initiated and led a pilot financial education program with FGI for underserved and first-generation students in San Antonio
- Trinity University's first participant; currently serve as the primary liaison between FGI and Trinity University
- Managed 29 student-tutors, delivering education to over 150 students across 8 San Antonio ISD schools
- Drive chapter growth by coordinating logistics, student assignments, curriculum updates, and tutor support
- Conduct in-class instruction for 21 students at Edison High School

Alpha Kappa Psi, *Active Member & Recruiter,* San Antonio, TX   October 2023 – Present
- Participate in mock interviews, resume, and professional development workshops, and provide the campus with free, open-to-all presentations from Fortune 500 companies like Toyota and Microsoft
- Deliver comprehensive resume and interview guidance to new members, ensuring their professional growth

Triniteers Fraternity, *Social Chair & Alumni Outreach Coordinator,* San Antonio, TX   August 2024 – Present
- Serve as the designated correspondent between the Triniteers and other on- and off-campus organizations
- Streamline logistic and safety measures for all social events hosted by the Triniteers
- Main liaison between alumni and active fraternity members

Trinity Men's Volleyball, *Player,* San Antonio, TX   August 2023 – Present
- Member of club volleyball team; also responsible for assisting with logistical and financial operations

PROFESSIONAL EXPERIENCE

MSInsight, *Data Science & Market Research Intern,* Houston, TX   July 2024 – Present
- Conduct comprehensive research on the Next Generation Sequencing (NGS) market in the United States and Houston
- Achieved cost savings of over $15,000 per report by utilizing alternative sources for market data, reducing reliance on traditional and expensive data sources
- Validate and analyze market and genetic sequencing data; visualize and present findings directly to the executive team
- Provide unique insights through experiences with industry professionals in Houston

Tracey Technologies, *CAD Intern,* Houston, TX   July 2022 – August 2022
- Utilized Fusion 360 CAD software to optimize the design of fine ophthalmic ray-tracing modules without sacrificing performance or fitting requirements within the medical device
- Simplified the design of small parts, resulting in reduced machining complexity and a decrease in manufacturing costs
- Accelerated production speed of the ray-tracing module by reducing the number of faces each module contains

Higginbotham, *Data Science Intern,* Houston, TX   June 2021 & 2022 – July 2021 & 2022
- Conducted comprehensive property and casualty (P&C) customer analyses using Applied Epic & Microsoft Excel
- Leveraged client information to develop Excel visualizations that contained policy data, accounting for variables such as client size, policy limits, and deductible amounts
- Contributed to the publication of the 2021 and 2022 annual client reports with data aggregation and visualization

RESEARCH EXPERIENCE

Rice University, *Financial Research Assistant*, Houston, TX   June 2024 – August 2024
- Assisted a university statistician in researching and compiling firm data using proprietary SQL programs
- Reconstructed the methodology used in the analysis (synthetic control method) by creating weighted arbitrary firms and comparing the statistical results to those of the existing methodology
- Paper was presented in 84th Annual Meeting of the Academy of Management (August 2024)

HONORS AND AWARDS

Trinity University, *Dean's List,* San Antonio, TX   December 2023
- Dean's List recipient for achieving academic excellence

United States Congress, *Congressional Nomination,* Houston, TX   December 2022
- Recipient of Congressional Nomination from district TX-07 for admission into the United States Military Academy

United States Congress, *Congressional Nomination,* Houston, TX   December 2022
- Recipient of Congressional Nomination from district TX-07 for admission into the United States Naval Academy

SKILLS & LANGUAGE

Language: Intermediate French
Technical Skills: Experience in SQL, Java, Linux, Python, Microsoft Excel (pursuing certificate), and Fusion