**Timothy GnorskiTop of Form**

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**EDUCATION**

**Marquette University (MU)**, Milwaukee, WI May 2027

*Bachelor of Science in Computer Engineering GPA: 3.93/4.0*

*Concentration in Innovation Leadership*

*Honors:* Opus Dean’s Award to Outstanding First Year Students (2024); Opus Dean’s Award to Outstanding Second Year Students (2025); Dean’s List (Fall 2023, Spring 2024, Fall 2024, Spring 2025);

**SKILLS**

**Programming Languages:** VBA, Python, Java, C, C++, MATLAB, VHDL, SQL **Software & Tools:** JDE, Net Suite, Vivado, PSoC Creator, Git/GitHub, Visual Studio, Power BI, Power Apps, Multisim, Office 365 (Word, Excel, PowerPoint, Outlook), Unity, Godot, Adobe, Canva

**Additional Skills:** Data Automation, Team Collaboration, Technical Documentation, Problem-Solving, Time Management

**Course Work:** Microcontrollers, Networks&Secuirty, Operating Systems, Microprocessors, Fundamentals of AI, Database Design, Data Structures, Digital Electronics, Circuits, Linear Systems Analysis, Differential Equations, Linear Algebra, Discrete Mathematics

**PROJECTS**

**RISC-V Single-Cycle Processor**- *Designed and simulated 32-bit CPU in VHDL* Completed November 2023

* Designed and simulated a 32-bit single-cycle RISC-V processor with structural VHDL.
* Implemented ALU, control units, register files, memory, and testbenches to execute programs.

**LLM-Based Text-to-SQL Query Generation** - *Built NLP model to convert natural language into SQL.*  Expected November 2025

* Developing an end-to-end Text-to-SQL pipeline using methods from ACM’s survey to convert natural language to SQL.
* Benchmarking accuracy and efficiency across dataset complexities to guide model optimization.

**Gold n Blues A Cappella Database** (SQL, ER Design) Expected November 2025

* Designing a relational database to manage members, repertoire, arrangers, and performances.
* Includes schema design, ER modeling, normalization, and implementation of advanced SQL queries.

**WORK EXPERIENCE**

**Glory Global Solutions**, Data analytics – Tariff Automation Engineer, Lisle IL June 2025 – August 2025

* Designed and implemented automated workflows to streamline tariff data processing, reducing manual labor significantly
* Developed Python/VBA scripts for datasets, enabling faster reporting and improved data accuracy.
* Developed PDF data extractor to safely extract data from thousands of contracts to create a database for sales.
* Designed NetSuite/JDE invoicing process for 300+ customers monthly, recovering $300K–$500K per month
* Developed Power App for CEO to create and distribute internal news to busy field technicians
* Built a serial number tracking dashboard to capture $3M+ in tariff-related remittances
* Collaborated with CFO and VP of Invoicing to adapt strategies to shifting policies and customer needs

**Two Men and a Truck**, *Mover*, Glendale Heights, IL May 2023 – August 2024

**Cousins Subs,** *Crew Member,* Wheaton, IL June 2021 – August 2021

**LEADERSHIP/EXTRACURRICULAR**

*Member – 2nd Year***, Excellence in leadership (E-Lead)** October 2024 – Present

* Engage in leadership development activities and team-based engineering projects.
* Shadowed COO of Aldridge electric and CEO of American Orthodontics to learn about their executive team practices

*Vice President***, Gold n Blues Acapella (GNB)** September 2023 – Present

* Lead group in ICCA, various competitions and concerts, and manage rehearsals for 18 people learning 20+ songs a year

*Almuni Chair***, Sigma Phi Delta Professional Engineering Fraternity (SPD)** April 2024 – Present

* Organized alumni speaker events each semester and published monthly newsletters

*Volunteer,* **Go Baby Go/ Adaptive Toy Build Days (BMES)** September 2024 – Present

* Lead HS and PT Undergrads to design and deliver adaptive mobility solutions for children with disabilities

*Recruitment Chair*, **Inter-Fraternity Council (IFC)** November 20204 – Present

M*ember*, **Tau Beta Pi (TBP)** April 2024 – Present

Member, **Quantum Club** April 2024 – Present