

# Tim Vyverberg

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## EDUCATION

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<b>University of Notre Dame</b>   Notre Dame, IN	May 2027
<i>Bachelor of Science</i>   Major: Computer Science   Minor: Engineering Corporate Practice	GPA: 3.61

## EXPERIENCE

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<b>PGA TOUR</b>   Ponte Vedra, FL	June 2025 - August 2025
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*Data Science & Technology Support Intern*

- Built AI agents in Python to generate SQL scripts, query databases, and generate insightful responses.
- Deployed and debugged agents with Docker Compose locally and AWS for production deployment.
- Selected as 1 of 15 students worldwide from a pool of 1,200+ applicants.

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<b>Ruth Lake Country Club</b>   Hinsdale, IL	May 2021 - Present
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*Caddie*

- Assisted over 10 golfers per week throughout their rounds by carrying their bags, providing advice, and engaging in conversation to make their experience enjoyable and memorable.
- Developed strong interpersonal skills through interacting with a wide variety of clientele.
- Achieved promotion to “A” caddie through positive player reviews and consistently strong work.

## LEADERSHIP AND ACTIVITIES

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<b>CS For Good</b>   University of Notre Dame	November 2023 - Present
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*Member*

- Collaborated with 4 members of the organization to create front-end elements of a webpage using CSS for the Northshore Triangle neighborhood in South Bend.
- Led a group of 5 members to collect and organize media for “Place to Be Me”, a children’s dispensary program in South Bend.

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<b>Club Golf</b>   University of Notre Dame	August 2023 - Present
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*Member*

- Participated in club golf team activities, competing in rounds and practices with other members to improve skills and support a team environment.

## RELEVANT PROJECTS

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<b>Engineering Computing</b>   University of Notre Dame	March - April 2024
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- Built a 4-tab MATLAB app in a 2-person team to display MLB ELO data in 4 different graphical representation formats.

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<b>Adv. Integrated Engineering &amp; Business Topics</b>   University of Notre Dame	January - May 2025
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- Created a 27-page strategy report on Lockheed Martin with a 6-person team, evaluating the company’s industry position, business model, and competitive strategy.
- Simulated project management decision-making in a 5-person team using the Capsim online 12-week business simulation, managing decisions across finance, marketing, R&D, and production.

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<b>Fundamentals of Computing</b>   University of Notre Dame	August - December 2024
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- Developed a 21 x 21 randomly generated block maze in C using the gfx library for X11 on Unix-based systems to be played by users.

## RELATED COURSES

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University of Notre Dame	August 2024 - Present
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- Systems Programming, Intro to Artificial Intelligence, Computer Architecture, Data Structures, Linear Algebra & Differential Equations, Advanced Integrated Engineering & Business Topics.

## TECHNICAL SKILLS

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**Programming Languages:** Python, Java, MATLAB, C, SQL.

**Software:** PASCO Capstone, Microsoft Excel/Word/PowerPoint, Git, DBeaver, Linux Environment.