Erin De Witt

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Education

University of St. Thomas *Aug 2022 - May 2026*

Majors: Computer Engineering, Computer Science; Minors: Data Analytics, Statistics, Philosophy
GPA: 4.0

Work Experience

University of St. Thomas *Aug 2024 - Present*
Student Creator
➜ Works in the create[space], an area for students to work on personal projects and attend events focused on different forms of creative expression.
➜ Teaches and leads groups of students on the use of different machines like 3D printers, poster printers, laser engravers, heat sublimation machines, screen printing frames, and more.

Medtronic *June 2024 - Aug 2024*
Software Engineering Intern
➜ Works with a team of full stack developers to write features for the complete rewrite of an internal web application.
➜ Develops API endpoints to return data from various database tables using SQL queries and stored procedures.
➜ Migrates API services and models into the UI using OpenAPI.
➜ Develops visually appealing and easy to use UI/UX elements using HTML, SCSS, TypeScript, and Angular.

QBE *June 2023 - Aug 2023, Oct 2023 - Dec 2023*
Accident and Health Underwriting Intern
➜ Manages and cleans large datafiles using Excel.
➜ Performs multistep system clean up protocols and helps identify system faults.
➜ Collaborates in teams of 6 to present proposed solutions to adapt to issues faced by the company as a result of climate change based on research and interviews with industry professionals.

Betty Jo's Dance Center *Sept 2020 - May 2022*
Assistant Dance Teacher
➜ Demonstrates and assists in teaching ballet technique and choreography.
➜ Acts as a positive role model to dance students.

Activities

Institute of Electrical and Electronics Engineering (IEEE) *Sept 2022 - Present*
➜ Serves as the President as of May 2024, on the board as of September 2023, and member as of September 2022
➜ Coordinates with local companies and other club leaders to organize 10+ events and opportunities for career and academic development each year for 70+ members

Society of Women Engineers (SWE) *Sept 2022 - Present*
➜ Serves as the Fundraising Chair by organizing and leading 3+ fundraising events a year to raise $1000+.
➜ Participates in monthly meetings, interacts with other female engineers, and attends the annual SWE conference.

St. Thomas Computer Science Club *Sept 2022 - Present*

St. Paul Children's Hospital *Nov 2017 - Present*
➜ Crochets and donates 100+ items to the kids staying at the children's hospital.

Skills

Software: Java, JavaScript/TypeScript, C/C#, Python, HTML/CSS, Linux/PowerShell, SQL Queries, OOP
Hardware: Circuit Analysis, Microcontrollers, PCB Design, Multisim, Ultiboard, Verilog
Technologies: Full Stack Development, Git, Azure DevOps, Visual Studio, Angular, MiniTab, Microsoft 365
Other: Debugging, Unit Testing, Documentation, Problem Solving, Communication