SYLVIA KOZUB

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EDUCATION

Washington University in St. Louis   Expected Graduation: **Dec 2025**
Bachelor of Science in Computer Science   Cumulative GPA: **3.81/4.00**
      Honors: Dean's List Spring 2023, 2024

EXPERIENCE

BDO Digital   **Chicago, IL**
Software Developer Intern   *Jun-Aug 2024*
- Developed and updated a billable client project, using Angular and .NET for a member-owned liability insurance company
- Worked on an internal March Madness application using Angular, C# and SSMS, enhancing user engagement and interaction within the company
- Presented findings on how AI tools like Microsoft Copilot and translation services can revolutionize technical consulting to a group of managers, highlighting potential improvements in efficiency and client satisfaction
- Worked in WordPress and PHP with a front-end developer to make enhancements to PetButler's site

Teaching Assistant   **St. Louis, MO**
Data Structures and Algorithms, Intro to Data Science   *Jan 2023- Present*
- Lead Discussion TA for Intro to Data Science - manage two active discussion sessions and one interactive lab session for introductory class of ~100 students
- Work closely with professors to adjust class curriculum and manage teams of TA's, while leading small student groups in team activities, grading assignments, and hosting weekly office hours

PROJECTS

Ken Malnar Golf Instruction *(MERN Stack)*
- Redesigned the website for a local golf instructor to enhance marketing strategies

Fantasy Cricket App*(MERN Stack, Bcrypt)*
- Create/join leagues, leaderboard, users can create a team with players that satisfies positional/salary cap requirements

Calendar App *(MySQL, React, AJAX, CSS, Javascript)*
- Login/logout/register, dynamically create/edit/view/update events on shared and personal calendars

Multi-Room Chat Server*(Node.JS, Socket.JS, AWS)*
- Create/join public and private chat rooms, send and react to messages, kick/ban users from a room, edit profile

WeatherDash *(React, AJAX, Javascript, CSS)*
- Incorporating AccuWeather API to display hourly and 5-Day forecasts with daily details for any city

File Sharing Site *(Linux, Apache, PHP, AWS)*
- Uploading/viewing/deleting/sharing files associated with various users

CLUBS & LEADERSHIP

Women in Computer Science   **St. Louis, MO**
Executive Board Member   *Aug 2023-Present*
- Grace Hopper Celebration Attendee (Fall 2024)

HackWashU   **St. Louis, MO**
Executive Board Member, Hackathon Participant (third place)   *Aug 2022-Present*
- LinguaLink: an innovative app to practice a language, connects users from around the world to help practice their skills, engage in conversational and writing exercises, included an implementation of a ChatGPT API to facilitate language practice through conversations

Washington University Student Investment Fund   **St. Louis, MO**
Member   *Aug 2022-Present*
- Conducted in-depth financial analysis, including the development of a comprehensive stock pitch and Discounted Cash Flow (DCF) analysis for TopGolf Callaway Brands Corp.

SKILLS & INTERESTS

Relevant Coursework: Data Structures and Algorithms, Object Oriented Software Development Laboratory, Intro to Computer Engineering, Data Science, Web Development, Rapid Prototype Development, Matrix Algebra, Probability and Statistics
Languages and Skills: Java, C/C++/C#, Python, Javascript, React, Node.JS, Express, MongoDB, Angular, .NET, MySQL, NoSQL, PHP, APIs
Interests: Fitness, Golf, Traveling(Poland)