Shanbo Zhang

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EDUCATION

University of Illinois at Urbana-Champaign	Expected Graduation Date: May 2026
Engineering Undeclared (=> Electrical Engineering)	Current GPA: 3.96/4.00 (2023 Summer)

AP Credits: Calculus BC, Chemistry, Physics: Mechanics, Computer Science A

HONORS

The Best Editor and Team Silver Award	September 2020
AP Scholar Award	2021
Dean's List in College of Liberal Arts and Sciences	2022 Fall

ACTIVITIES

- Chinese Students and Scholars Association (Department of Network Technology)

  Urbana, IL, 2022 Fall - Present
  - Avatar Frame Microprogram: built a microprogram in WeChat for the party of the Mid-Autumn Festival party and the Spring Festival held by CSSA
  - (In Progress) Student Budget Mobile App: develop a mobile app to help college students to budget, record their incoming and expenditure, and find suitable restaurants and markets based on their budget (the app has features specifically designed for college students.)
  - (In Progress) Second-hand Item Finder: develop a website to help students to find second-hand stuff and sublease deprecated by other people (students can filter by schools, cities, states, etc.)

- (Independent Development)
  - Word Recitation Tool: developed a desktop app to help users to record new words and their paraphrases, example sentences, synonyms, etc., and test whether they fully remember and understand these words.
  - (In Progress) Time Management Tool: develop a desktop app to help users to schedule their time, record necessary items, and prevent users from being distracted when they're focusing on their tasks.

- Chinese Engineering Student Association (Department of Activity) Urbana, IL, 2023 Spring - Present
  - Designed the content and the schedule of activities held by CESA in the 2023 Spring.
  - Maintained orders and helped confused students at the event site.

- Illini Solar Car (Strategy-Telemetry Team)   Urbana, IL, 2022 Fall
  - Participated in rewriting database code and writing database connection code.

- Astronomy Society   Beijing, China, October 2021
  - Analyzed and visualized data monthly, quarterly, yearly, and totally over the recent several decades on the intensity, occurrence, and duration of solar flares.
  - Attempted to find potential relations between these variables and time, and to use machine learning models to predict future changes in solar flares.

- HOPE Room Volunteer   Shandong, China, July 2021
    - Understood the background and living conditions of several difficult children from different families and talked about their circumstances with their parents.
    - Checked children's recent learning outcomes, asked about their life at school, and played games with them.

LEADERSHIP
- School Microfilm Festival   Beijing, China, 2020
    - Followed up the whole process of filming and gave technical support and suggestions to our cinematographer and director.
    - Instructed group members to use Adobe Premiere Pro to edit videos and use Adobe After Effects to add special effects to videos.
    - Organized the structure of the film, divided the total length of videos over 10 hours equally to all members in film-editing groups based on the structure, being responsible for one divided part and cohering results of other team members.

SKILLS
- Programming Languages: C++ (Intermediate), Java (Intermediate), Python (Intermediate), SQL (Intermediate), C# (Basic), Rust (Basic), JavaScript (Basic)
- Tools: Adobe Premiere Pro (Intermediate), Adobe Photoshop (Intermediate), Adobe After Effects (Basic), Blender (Basic)
- Languages: English, Mandarin