

# Geeson Wan

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## SUMMARY

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Undergraduate Engineering student at Purdue University with a strong background in CS and computer related fields. Typically likes to solve real world problems through open collaboration with other peers. Loves to learn new methods and take new approaches.

## EDUCATION

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2025 - present Undergraduate Engineering at **Purdue University**  
2021 - 2025 West Lafayette Junior/Senior High School (Academic Honors Diploma)

## PROFESSIONAL EXPERIENCE

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**Internship at Sledgehammer Infosystems** June 2023 - August 2023

- Learned to use the Ruby on Rails framework along with the MVC model of web apps
- Hands on experience with working as an open source contributor
- Developed robust skills with reading documentation and finding resources regarding new and unfamiliar tools

## PROJECTS

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**Gatherpack** [Link to Website](#)

Developer of a people and event organization web app  
Extensively used Ruby on Rails framework with stimulus JavaScript framework to connect backend and front end  
Developed and improved many aspects of the user interface, including scaling for mobile devices  
Developed the calendar and many event related subsystems

**Suroi Translator** [Link to Website](#)

Provided translations for Simplified Chinese along with 3 other translators for an open source web game  
Managed the group of Chinese translators and provided updates for new translatable strings  
Organized Chinese translation files and provided feedback for the translation system (request for new strings, language related features, etc.)

**GreatStudier** [Link to Website](#)

Developed an open source flashcard study command line application with a peer  
Maintained and developed functionality for web scraping the contents for a study set off of Quizlet  
Wrote documentation and instructions regarding the usage and installation of the application

## OTHER EXPERIENCES/ACHIEVEMENTS

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**National Honors Society Tutor** August 2024 - May 2025

- Tutored Honors Chemistry

## FIRST Robotics Team 461

August 2024 - May 2025

- Created/Maintained the new [team website](#)
- Worked with student leadership to create a new Scouting System
- Help manage and declutter the shop and working areas

## West Lafayette Hack Club

August 2023 - May 2025

- Executive Officer
- Planned weekly meetings
- Taught CS workshops at multiple Hackathons that influenced over 100+ middle school and high school students
- Created/Maintained the [website](#)

## SKILLS

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Bilingual	English (Native), Madarin Chinese (Native)
Multimedia	Basic Video (Kdenlive) and Image (GIMP) Editing
Programming	Python, Java, Ruby (on Rails), HTML, some JavaScript, CSS, & L <sup>A</sup> T <sub>E</sub> X
Systems	Experienced with Linux and Unix-like environments/tools (e.g. Git, Vim, and other command line applications)

## HOBBIES

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- Reading
- Pondering Philosophical Questions/Personal Values
- Playing Badminton
- Solving Puzzles