Geeson Wan

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SUMMARY

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 appoarches.

EDUCATION

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

PROFESSIONAL EXPERIENCE

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

Volunteering with Boys Organization for Student Services   August 2021 - May 2024

- Volunteered for several Food Finders, Toy Drives, and Concession Stands

OTHER EXPERIENCES/ACHIEVEMENTS

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 (https://github.com/frc461/website-2024)
- 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 (https://wl.hackclub.com)

Projects

Gatherpack   <https://gatherpack.com>

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   <https://github.com/HasangerGames/suroi>

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, langauge related features, etc.)

GreatStudier   <https://github.com/greatericontop/GreatStudier>

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 reguarding the usage and installation of the application

Skills

Bilingual	English (Native), Mandarin Chinese (Native)
Multimedia	Basic Video (Kdenlive) and Image (GIMP) Editing
Programming	Python, Java, Ruby (on Rails), HTML, some JavaScript, CSS, & LaTeX
Systems	Experienced with Linux and Unix-like environments/tools (e.g. Git, Vim, and other command line applications)

Hobbies

- Reading

- Pondering Philosophical Questions/Personal Values

- Playing Badminton

- Solving Puzzles