

CHASE THOMPSON

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<https://nebulavgc.github.io/>

Tenacious and open-minded computer science student at Purdue University who excels at self-learning, debugging, and critical thinking. Enjoys learning new languages, both programming and foreign. Currently seeking a software engineering internship where both passions can be pursued.

EDUCATION

Purdue University – West Lafayette, IN

Aug 2021 – Present

Bachelor of Science in Computer Science, Graduation in May 2025

- **GPA:** 3.9
- **Relevant Coursework:** Calculus III, Elementary Linear Algebra, Introduction to Statistics, Programming Applications for Engineers, Problem Solving and Object-Oriented Programming, Foundations of Computer Science, Programming in C, Engineering Technology Foundations, Information Technology Architecture
- **Awards:** 2x Dean's List, National Merit Scholarship, Third Place at the Chinese Bridge Proficiency Competition

SKILLS

Programming Languages: C, C#, Java, Python, MATLAB, Arduino

Software Experience: Microsoft Word and Excel, CAD, Adobe Premier, Unity, TensorFlow, Bootstrap

EXPERIENCE

FIRST Robotics Member

Sep 2019 – May 2021

- Collaborated with other students on the electrical and programming sub-teams to deliver a working robot
- Developed autonomous routines for the robot which would be used at competition
- Instructed younger students how to solder and how to program in Java

Raspberry Pi Cloud Camera

Mar 2022 – May 2022

- Utilized a Raspberry Pi to make a functioning video camera which could record movement and upload recordings to a drop box in the Cloud
- Applied the use of Linux to set up the Pi and to debug any problems that occurred

Java Learning Management System

Apr 2022 – May 2022

- Designed and coded a client-server system in Java where a teacher could create quizzes and students could take those quizzes
- Implemented a GUI that would update in real time while multiple users were using the system
- Ensured that the multithreaded system would not encounter race conditions that could cause the system to malfunction
- Coordinated meeting times for the group to meet up and work on the project

LANGUAGES

English – Native Proficiency

Chinese – Conversational Proficiency

Hindi – Elementary Proficiency

Japanese – Elementary Proficiency