

Ethan Townsend

ethan.townsend@rose-hulman.edu

(612)-400-2794

www.linkedin.com/in/ethan-townsend-6a197a215

Education:

Bachelor of Science, Computer Engineering **May 2025**

Rose-Hulman Institute of Technology, Terre Haute IN

GPA: 3.47

Related Courses: Data Structures and Algorithms, Network Communications, Computer Architecture, Continuous Signals and systems, Imbedded system design, SQL Databases

Work experience:

Grader and Course Development Specialist **2023 - Present**

Computer Science and Software Engineering Department

- Leading a team to create and maintain an in-depth guide on Java for students to reference
- Patiently guide and inform students' approach to problem solving
- Lead numerous student groups in creating an event based arcade game

Software Project Lead **Summer 2022**

Baxter Healthcare, Brooklyn Park, MN

- Designed a python script to parse and reformat text files with limited documentation support.
- Evaluated scope of a complex software project, laid groundwork for future work, and created documentation to ease continued development of the software.
- Worked with others to update and maintain machines for further research and development.

Projects:

Bread Machine

Deconstructed, reconstructed, and then reconfigured a bread machine with two different microcontrollers. This project also won the best project award as voted by other engineers.

Achievements and honors:

Rose-Hulman Merit Scholar **2021 - Present**

Dean's list **Winter and Spring 2021 - 22**

Eagle Scout Award recipient **2020**

Other Activities:

Robomasters Electrical team **2023 - Present**

Club Ultimate Frisbee **2023 - Present**

Esports team Manager **2021 - 2023**

Concert band member **2017 - Present**

Subway council, Director of Subway Updating **2019 - Present**