

Henry Verrill

Email: hverrill@protonmail.com
Phone: (678)-994-9460
Website: <https://hverrill.github.io/>



Education:

Bachelor of Science, Engineering Design (previously Software Engineering) *Class of 2024*

Rose-Hulman Institute of Technology, Terre Haute, IN

Relevant Courses: Object-Oriented Software Development, Data Structures and Algorithm Analysis, Intro to Web Development, Introduction to Computer Systems

Skills:

Microsoft Office: Proficient in PowerPoint, Excel, Word, Teams, and Outlook.

Programming: Highly proficient in Java and JavaScript. Proficient in HTML, CSS, Python, C, and Bash. Working knowledge of Batch Script, Visual C, and ARM Assembly.

Experience:

The Gupta Foundation – Virtual, California: *Summer 2020 – Fall 2020*

Intern Consultant and Web Designer

- Designed a homepage for an educational/non-profit website
- Did comprehensive market research of similar websites/services

Code Ninjas – Smyrna, GA: *Summer 2019 – Fall 2020*

Instructor (Sensei)

- Taught and tutored 150+ elementary and middle school children JavaScript based curriculum
- Developed a week-long summer camp to teach CAD, problem solving, and logical principals

Atlanta Legal Aid Society, Inc – Atlanta, GA: *Summer 2018 – Fall 2019*

IT Manager Assistant

- Assisted IT Manager with Account, network, and server maintenance.
- Purchased equipment and fulfilled employee service requests

Projects:

Personal Portfolio Website: *Spring 2021 – Ongoing*

- Designed a personal online portfolio from scratch using Bootstrap MD and Flexbox
- Created JavaScript elements and CSS themes from scratch

Dijkstra-Based Pathfinding Application: *Spring 2021*

- Created a pathfinding algorithm for every major airport in the world as a team of three
- Pathfinds between the 653 nodes in the graph using Dijkstra's Algorithm
- Parses an XML document for airport information and uses JFrame for the GUI

Markdown Blog: *Winter 2022*

- Designed and built a social blogging web application using CRUD techniques.
- Used Bootstrap MD and Flexbox for front-end and Firebase and JavaScript for the back-end

Activities and Honors:

- Rose-Hulman Student Government Association, *Senator*
- FIRST (*For Inspiration and Recognition of Science and Technology*) Robotics, *Alumni*
- Boy Scouts of America, *Eagle Scout*