

HERBERT E. WRIGHT

Github: Herb-Wright | Email: herb.e.wright@gmail.com | Website: herbiewright.com

EDUCATION

University of Utah - School of Computing

3.94 GPA | Bachelor of Science in Computer Science, Minor in Mathematics

Salt Lake City, UT

Aug 2021 - May 2024

- 4x College of Engineering Deans List
- Relevant Courses Completed: Software Practice II, Algorithms (Undergrad and Grad level), Deep Learning, Linear Algebra, Calculus III, Intro to Optimization, and others
- Relevant Course Currently Taking: Computer Vision, Machine Learning, and Survey of Numerical Analysis
- 4.00 GPA in Math and Computer Science classes

Maple Mountain High School

3.92 GPA | 32 ACT

Spanish Fork, UT

Sept 2016 - May 2019

- Mathematics Sterling Scholar
- 5A Academic All-State in Football and Track
- Eagle Scout, Boy Scouts of America

EXPERIENCE

Henry Schein One

Software Engineering Intern

American Fork, UT

May 2022 - Now

- Used Java, JavaScript, NextJS, Spring Boot, as well as other frameworks in a corporate setting
- Learned how to develop enterprise software on a team in an agile environment
- Used tools such as GitLab, Jira, Confluence, Figma, and others

University of Utah - School of Computing

Teacher's Assistant

Salt Lake City, UT

Jan 2022 - May 2022

- TA for CS 3130: Engineering Probability and Statistics
- Learned how to communicate technical concepts effectively

PROJECTS

Portfolio Website

<https://herbiewright.com>

JavaScript/SCSS

- I built a portfolio website for myself using NextJS, React, and Sass
- Dockerfile allows it to be run in a docker container

Spreadsheet Application

<https://github.com/Herb-Wright/spreadsheet-application>

C#

- Spreadsheet application that supports formulas, copying cells, and saving to and loading from a file

V-PRISM Research Paper

<https://arxiv.org/abs/2403.08106>

Latex/Pytorch

- A robotics research paper about mapping unknown tabletop scenes
- Bayesian method that uses an EM Algorithm

SKILLS

- Proficient in **JavaScript**, have used React, Node, NextJS, Express, Jest and others
- Proficient in **Python**, have used Pytorch, rospy, scipy, Conda/Mamba, and others
- Proficient in **HTML/CSS**, have used Sass and Bootstrap
- Proficient with **Git**, have used GitHub and GitLab
- Familiar with **C#**, have used ASP.NET and Windows Forms
- Familiar with **C/C++**, have used Qt
- Other Languages/Technology I've used: Java, R, **Docker**, Linux, **SQL**, MongoDB, ROS, Figma, Jira, and others