**Graham Purvis**

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SKILLS

**Languages:** Java, C/C++, Python, HTML, CSS, Swift, JavaScript, Assembly, MATLAB

**Computer:** Adobe Photoshop, Microsoft Excel/Word, SolidWorks

PROFESSIONAL EXPERIENCE

**ARTMAN Productions** Santa Fe, NM

Graphic Design Assistant June 2016 – Present

-Designed signs given a client’s needs through Adobe Photoshop  
 -Installed a variety of signs throughout the city of Santa Fe  
 -Worked at the front desk answering calls and interacting with customers

**Shakespeare in Santa Fe** Santa Fe, NM

Usher /Assistant March 2018 – September 2019

-Assisted in building the main stage

-Ushered during the showings of the play

-Backstage roles including maintenance and moving materials

**Habitat for Humanity** Santa Fe, NM

Volunteer August 2017 – November 2018

-Helped construct several homes to combat New Mexico’s housing crisis  
 -Built the general framework and roofing of the house  
 -Plastered the outside of the houses and interacted with community members

PROJECTS Proficiency

**2021 INRIX Hackathon Winner (Python)**

-Made an optimized commute scheduler with a small team in a 24-hour time frame

-Used both Google and INRIX API’s to develop an extremely accurate commute time

using drive, park and walk time data. Then applied these times to a user’s Google   
 calendar for each event on their calendar.

**JAVA**

-Created a pathfinding visualizer using Java DRAW library

-Used sockets, multithreading, and Swing GUI to create an online version of Pictionary

**C/C++**

-Created text file compressor using the Huffman encoding algorithm

-Worked with multithreading in C++ to understand and solve race conditions for

processing data

**HTML/CSS**

-Created my own personal website to compile my projects and refine my web dev skills

-URL: <https://grahamcpurvis.github.io/>

EDUCATION

**University of Denver** Denver, CO BS, Computer Engineering Fall 2019 – Spring 2021

-GPA: 3.93

**Santa Clara University** Santa Clara, CA

BS, Computer Science and Engineering Fall 2021 – Spring 2023

-GPA: 3.8