Email:
eldestof7k@gmail.com

Phone:
864-977-8770

Skills:

Coding experience:
    Lua
    C#
    Python
    Linux Shell Scripting

Operating experience:
    Lathes
    CNC Mills
    MIG Welders
    3D printers

Graphical Design experience:
    Drafting
    Sketching
    Adobe PhotoShop
    Adobe Illustrator
    PowerPoint

Miscellaneous Skills:
    Soldering/Circuit Design
    Electronics Prototyping
    Electronics Repair
    P.C. Maintenance/Upgrading
    Excel
    Word

Harrison Davis

Work Experience

Protodyne: 3 years experience

I worked at a small machine shop (3-4 people) in North Carolina, where we manufactured Automotive components for customers.

I assisted in maintenance and operation of many of the CNC mills in the shop. I also manually sanded down parts utilizing band saws, cut metals into machinable blocks, and ensured the finished products were within acceptable deviation.

Table 11: 2 year experience (so far)

I work at a small restaurant (4-6 people) doing a wide range of tasks. Everything from making food to maintaining kitchen machinery. In such a small business I am required to be adaptable and change priorities on the fly.

Personal Projects

Game Development

I have made multiple video games to progress my coding knowledge. Notable achievements include: Making a 3D engine, Neural Network, Image Compression Algorithm, and 2D orbital physics simulation.

Usually I am programming under strict CPU, memory, and storage limitations (<2KB ROM). This has led to my programming methods being much more efficient than they were before.

P.C. Building

I have made a total of four home-built desktop computers, and fixed five damaged computers to usable condition.

UAV Building/Operation

I have designed and built multiple fixed-wing UAVs (+UGVs) and flown them as a hobby. The biggest one I built has a wingspan of 5ft.