

MAXWILL WINTERS

Software Engineer

CONTACT

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LOCATIONRochester New York

ME

Passionate software engineer dedicated to understanding every aspect of programming. Enjoy collaborating with like-minded individuals and thrive in a dynamic work environment. Reading and creation are my interests that I pursue daily. Heavily influenced by Terry Davis, Jonathan Blow, C.S Lewis.

EDUCATION

2019-2021
AS IN PSYCHOLOGY
Monroe Community College

2022-2023
FULLSTACK DEV CERT
Alchemy

PROJECTS

ATEL [Link](#)
Programming Language

A programming language based on C written in C++ with inspiration from many other languages including Holy C. This is a general purpose low level programming language that is capable of memory management. Endgame is a statically typed language that is usable in a python-like mode where you can feed instructions line by line where AOT compilation is not necessary but an option. Parser, Compiler, Optimizer all functional.

BETTER CAM [Link](#)
DXF to GCODE

A DXF file parser that directly generates G-Code from the source file for waterjet and or plasma cutters simultaneously. This script includes auto lead-in/out generation as well as automatic kerf calculations. Capable of converting 3d files to 2d automatically with no input from the user and auto detect physical impossibilities/ generate solutions for them..

EXPERIENCE

May 2023 - June 2023
COMPUTER SYSTEM ASSET DISPOSAL
(CSAD)

- Create Python scripts to optimize work flow.
- Install and Troubleshoot OS and Drivers
- Inspect and repair laptop/desktop hardware

June 2023 - Current
NiftyBar Grinding and Cutting

- Use CAD and CAM software to create Waterjet and Plasma cutter programs.
- Troubleshoot and bugfix old Waterjet and Plasma software (reverse engineering)

SKILLS

- Python
- JavaScript/TypeScript
- HTML/SASS/CSS
- C/C++

- PSQL,MySQL,Mongo
- VirtualBox/VMWare
- Java
- Selenium/BS/BS4

- QUnit/Jest
- C#
- Bash/Linux/Windows
- HTML/SASS/CSS

FRAMEWORKS • React/Solid • Node/Express • .NET • ThreeJS • Bootstrap

SOCIAL

GITHUB[Link](#)

PORTFOLIO[Link](#)

LINKEDIN[Link](#)