

# Maxwell Mahn

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## SOFTWARE DEVELOPER

Software developer with a passion for problem solving and automation.

## TECHNICAL SKILLS

C | C++ | x86 Assembly | Python | TypeScript | Bash (Shell Scripting) | Git | Awk | Make | Docker | Linux | NextJS | Tailwind

## EDUCATION

**Carnegie Mellon University School of Computer Science** **Feb 2026**  
Full Stack Development Bootcamp Certificate

**Southern New Hampshire University** **Sep 2024**  
Coursework in Computer Science

**C++ Institute** **Jul 2022**  
CLA-11-03 : Certified C Associate Programmer

**Dartmouth College and Institut Mines-Télécom** **Aug 2023**  
Certified Professional in C Programming with Linux

## PROJECTS

**Plate** **Jan 2026 – Feb 2026**  
A calendar and todo-list web application created for the CMU Bootcamp capstone project. Built using Typescript, NextJS, Tailwind, DrizzleORM, and Git.

**Text Editor** **Sep 2023 – Present**  
A vi-like terminal text editor written in C. Uses no external libraries except the standard C library. Built using C, Shell Scripting, Linux, Git, and Make.

**Project Setup Utility** **Jun 2024 – Present**  
An extensible project setup utility written in POSIX-compliant shell script with only the standard core utilities. Built using Shell Scripting, Linux, Git, Awk, and Make.

## PROFESSIONAL EXPERIENCE

**Ice Skating Instructor** **Dec 2024 – Present**  
Teaching group skating lessons at multiple FMC Ice Sports rink locations. Coaching students of all ages at a variety of skill levels. Adapting to fit the requirements as needed.

**Math Tutor** **Oct 2023 – Present**  
Tutoring students in high school math courses, including Algebra I, Algebra II, Precalculus, Geometry, and AP Calculus.

**Substitute Teacher** **Mar 2023 - Present**  
Substituting for grades K-12 in the local public school system in Ashland, MA.