# Taylor Gamache  Software Engineer

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## Skills

C, Python, Java, Bash, Vim, Git

## Projects

**CONWAY - C**

- Visualization program of Conway's game of life algorithm
- Wrote decompression algorithm to read RLE pattern files into the program

**XMAS - C, LIBCURL**

- Download Advent of Code puzzle inputs and submit answers in the terminal
- Handles HTTP requests with the libcurl C library
- Minimizes server requests by storing data in a local cache

**MINISH - C**

- A minimal UNIX shell
- Handles multiple pipes and redirection

**EMBEDDED SYSTEMS  SHAPE THE WORLD EDX COURSE - C**

- Various pieces of firmware for the TM4C123 Cortex ARM microcontroller

## Experience

**CONTRACTOR (SELF-EMPLOYED) - 2012-PRESENT**

- Implement creative solutions to problems within a specific context
- Create plans for projects based on input from customers and/or contractors
- Communicate with customers and contractors about solutions

**PARAPROFESSIONAL, MANCHESTER SCHOOL DISTRICT - 2016-2017**

- Aid teachers and multiple students achieve IEP goals
- Tutor in algebra

## Education

Southern New Hampshire University, Manchester, NH – B.A. History, 2016