

Cathy Laughlin

cathy.laughlin999@gmail.com

Location

Santa Fe, NM

Employment

Meow Wolf, Santa Fe, NM

2018 - present

Senior Exhibitions Creative Engineer

- Develop the design and code of custom electronic multimedia systems for interactive, artistic components within Meow Wolf's exhibitions and installations
- Develop the design and code of custom show control software within Meow Wolf's exhibitions and installations
- Guide fellow creative engineers on their work

Meow Wolf, Santa Fe, NM

2016 - 2018

Exhibitions Creative Engineer (Equivalent)

- Develop the design and code of custom electronic multimedia systems for interactive, artistic components within Meow Wolf's exhibitions and installations
- Develop the design and code of custom show control software within Meow Wolf's exhibitions and installations

Vista Control Systems, Los Alamos, NM

2001 - 2016

Senior Developer

- Design and develop new software products, in C/C++ and Python
- Interface with industrial protocols, including Modbus, Allen-Bradley CIP / ControlLogix, OPC, Siemens S7, GE GSM.
- Maintain and improve existing products
- On-site + remote product support

EDUCATION

New Mexico Institute of Mining and Technology, Socorro, NM

BS in Computer Science

December 2000

SKILLS

Language: Japanese (JLPT level II certificate)

Skill Keywords: Systems Design, Interactivity, LED lighting design and programming, Projection Mapping, Control Systems, TouchDesigner, Max/MSP, Arduino & Microcontrollers, C/C++, Python, Processing, FastLED, Docker, SQL, Linux, Modbus, Allen-Bradley CIP / ControlLogix