James M. Smillie

jsmillie7@gmail.com

LINKS

Portfolio

PROFILE

- 3 years of experience creating and maintaining automated instrument maintenance products and standard operating processes used specifically for ISO17025:2017 quality assurance.
- Proficient in Python 3 and experience with several other languages including C++ and Matlab.
- Experience with development and debugging software.
- Adept at learning new technologies and computer systems.
- Team player with the ability to explain complex ideas to staff at all levels within the organization.

EMPLOYMENT HISTORY

Nov 2016 — Dec 2019

Quality Coordinator, Eurofins Food Integrity and Innovation

Boulder, CO

- Authored, audited and practiced Standard Operating Procedures (SOPs) to ensure compliance with ISO 17025:2017 scope.
- Created and maintained computer programs that increased efficiency, accuracy and repeatability of quality assurance tasks.
- Created a system to ensure instrument maintenance was dutifully completed.
- Completed Colorado's Hazardous Waste Regulation Training
- Sought opportunities for process improvement and innovation

Apr 2012 — Jan 2017

Certified Custom Framer, Michaels Stores

Boulder, CO

- Assist customers in the design process of a custom framing order, decide the best course of action for individual pieces of art, take precise measurements
- Prepare the artwork for framing, use proper preservation techniques to keep the artwork in shape, assemble frames quickly and with an attention to detail, notify customer of completed orders

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EDUCATION

Bachelor of Arts, Physics, University of Colorado

Boulder, CO

Selected coursework:

- Calculus I, II & III, Linear Algebra, Differential Equations
- Statistical Mechanics, Scientific Computing and Statistics (with Python)
- Advanced Laboratory

My credentials may be verified online at https://reg.colorado.edu/cediploma/

CeDiD: 203I-5FPC-J8E0

Initials: Ja

Fossil Ridge High School

Fort Collins, CO

SKILLS

Python 3

Adobe Illustrator and Acrobat

Microsoft Excel and Mathematica

3D CAD design and post-processing with Autodesk Fusion 360

Circuit design and layout with Autodesk Eagle

Create and Read Schematics and Datasheets

Electronics Test Equipment (Oscilloscopes, DMMs, Function Generators), Soldering, Power and Hand Tools

Microsoft Windows and MacOS

C++ and VBA

Matlab

LabVIEW

References available upon request