

EDUCATION

Penn State Erie, The Behrend College

Double major in:

- Computer Science, Bachelor of Science
- Digital Media, Arts, and Technology (DIGIT), Bachelor of Art
- Expected Graduation: 2024

JOB EXPERIENCE

Frankenstein Variorum Coding Research Assistant

At Penn State Behrend (2022 – present)

- Inspecting, identifying, and solving coding problems
- Using machine-assisted collation and XSLT to compare five versions of the novel *Frankenstein*

Digital Mitford Coding Research Assistant

At Penn State Behrend (2022)

- Helping assist workshop participants

DIGIT Student Program Web Developer

At Penn State Behrend (2022)

- Working with a team to design and develop web resources for the DIGIT program

DIGITAL PROJECTS

Kew Gardens

(Short story by the English author Virginia Woolf)

- Transcribing and marking up in XML.
- Editing the scheme file.
- Transforming XML to HTML in XSLT.

Weldon's Portfolio Site

- Designing and developing gallery page in EJS and CSS.

Pie Chart Tutorial

- Drawing pie charts with stroke-dasharray attribute in SVG.
- Labeling pie charts with polar coordinates in SVG and XSLT.

User-defined Function Tutorial

- Defining functions in XSLT

COMPUTER SKILLS

Software:

- oXygen XML
- WebStorm
- Adobe After Effects
- Adobe Photoshop
- Office 365
- Blender
- Meshroom
- Git & GitHub

Code Language:

- C++
- JavaScript
- HTML & CSS
- EJS
- Jekyll
- SVG
- XML
- Relax NG
- XSLT

OTHER SKILLS

- Keyframe animation
- Graphic design
- Digital painting

