

## 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)

- Editing scheme file in Relax NG
- Transforming XML files to HTML in XSLT

### **Weldon's Portfolio Site**

- Developing gallery page

### **Pie Chart Tutorial**

- Introducing how to draw pie charts with stroke-dasharray attribute in SVG
- Introducing how to label pie charts with polar coordinates in SVG and XSLT

### **User-defined Function Tutorial**

- Introducing how to define 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

- Video design
- Graphic design
- Digital painting

