

MIA BORGIA

DIGITAL MEDIA, ARTS, AND
HUMANITIES SPECIALIST

PERSONAL PROFILE

I've developed a passion to perpetually learn from the rapidly growing field of digital media, data visualization, and design. The project experiences and work opportunities I've had so far have cultivated my deep love for the digital craft.

JOB EXPERIENCE

Software Development Intern

LARSON TEXTS, INC. - ERIE, PA

SEPTEMBER 2021 - PRESENT

- Writing JSON Schemas to ensure back-end data validation, uniformity, and security
- Working with and learning from a highly skilled team of professional Front & Back-End software developers and engineers
- Using ArangoDB to store, query, and graph software data
- Generating iterations of raw data for the software data graph models using XML, XSLT, XQuery, and Javascript
- Collaborating with colleagues to ensure that the back-end data structure conforms and reflects the company's goals and business logic
- Working with REST API development, Express.js, ArangoDB, and Postman

Web Development Intern/Creative Director & Animator

BEHREND OPEN LAB FOR DIGITAL CREATIONS (BOLDC),
THE DIGIT PROGRAM AT PENN STATE ERIE

DECEMBER 2020 - PRESENT

- Creating and designing web presences for both the open lab and the DIGIT program
- Writing and styling websites with HTML, CSS, and SVG
- Helping catalogue and organize film equipment inventory
- Using Adobe Photoshop, After Effects, and Premiere Pro to create a short animated biopic film
- Creating an interactive virtual student art gallery
- Designed a logo using vector graphics in Illustrator

EDUCATION

The Pennsylvania State University - Erie, PA

DIGITAL MEDIA, ARTS, AND
TECHNOLOGY B.A.

AUGUST 2018 - PRESENT

- Expected Graduation: **May 2022**
- Cumulative GPA: **3.81**
- Honors:
 - Dean's List 2019-2021
 - Winner of Best in Show in the Patricia Yahn Spring Art Show 2021

PREVIOUS PROJECTS

- [Ancient Mayans Digitized](#)
- [Blues Analysis Project](#)
- [The Ballot and Me Project](#)
- [BOLD-C Open Lab](#)
- [DIGIT Program Website](#)
- [Patricia Yahn Virtual Art Gallery](#)

CONTACT ME:

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PA 16428

mqb5995@psu.edu (school email)

miamb13@gmail.com (personal)

JOB EXPERIENCE CONTINUED

Back-End Data Coding Assistant

FRANKENSTEIN VARIORUM PROJECT AT PENN
STATE ERIE

JUNE 2021 - PRESENT

- Finding, assessing, and fixing bugs and coding continuity errors in a complex network of text collation code
- Writing XML, XSLT, and a bit of Python to correct data output errors

Digital Media & Coding Tutor

LEARNING RESOURCE CENTER AT PENN STATE ERIE

AUGUST 2021 - PRESENT

- Assisting other students with writing challenging code and coding syntax in various languages
- Finding personalized methods of describing digital text encoding and media concepts for each student
- Orienting students with unfamiliar and complex code software and techniques
- Working the LRC Office front desk, answering phone calls, delivering messages, scheduling tutoring meetings, and conducting other general office tasks

Website Design Intern

SUSTAINABILITY OFFICE AT PENN STATE ERIE

OCTOBER 1, 2020 - PRESENT

- Working with a team of interns to create a public-facing educational website for Penn State Behrend's Wintergreen Gorge hiking trail
- Utilizing Penn State's WordPress themes to manifest the website's demo layout
- Writing creative CSS to break beyond the bounds of WordPress's limited web styling options to enhance the site's appeal
- Reviewing and adapting text content for the website to fit the Sustainability Office's vision & goals

SKILLS & EXPERTISE

Code Languages: Software Skills:

- | | |
|--------------|-----------------------|
| • XML | • Adobe Premiere Pro |
| • XSLT | • Adobe Photoshop |
| • XPath | • Adobe After Effects |
| • XQuery | • Adobe Illustrator |
| • Relax-NG | • Meshroom |
| • REGEX | • Blender |
| • Schematron | • Unity |
| • HTML & CSS | • oXygen XML |
| • SVG | • Cytoscape |
| • Python | • Git & GitHub |
| • Javascript | • ArangoDB |
| • Express.js | • VS Code |
| • Node.js | • Jira |
| • JSON | • eXistDB |
| • AQL | • Postman |

PREVIOUS PROJECTS CONTINUED

- [Wintergreen Gorge Website](#)
- [What Really Happens on the Night Shift - AE Animation](#)
- [The Aquarium in Your Dreams - 3D Blender Animation](#)

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