

# William Stiller

571-549-1850 | Fairfax, VA, 22032 | [stillewill54@gmail.com](mailto:stillewill54@gmail.com) | [bit.ly/willstill](http://bit.ly/willstill)

---

## Education

### **Penn State Erie, The Behrend College**

Digital Media, Arts, and Technology, Bachelor of Arts

Data Visualization Minor, Human Factors Certificate

Dean's List

Part-time Dean's List

National Society of Leadership and Success Member

Pathway to Success: Summer Start Program

**December 2023**

(GPA 3.53)

Fall 2021, Spring 2022, Spring 2023, Fall 2023

Summer 2023

Summer 2019

## Relevant Courses

### **Front End Programming**

- Digital Project Design
- Python Programming
- Digital Humanities

### **Visual Skills and Design Software**

- Data Visualization
- Multimedia Production

- Graphic Design

- Digital Media

### **Communication & Teamwork**

- Effective Speech

- Technical Writing

- Write for the Web

- Psychology of Human Factors

## Projects

### **Insurance Company Digital Animation and Website UX**

**Fall 2023**

- Led the vision and engineering of a demonstration website prioritizing optimal web performance and accessibility
- Assembled text-based SVG animations to establish dynamic multimedia elements using Canva and Figma to create baseline illustrations
- Collaborated using Git to deliver technical and creative productions in a team coordinated effort

### **Stardew Valley Text Analysis and Website Visualizations**

**Spring 2023**

- Produced a thorough text analysis of *Stardew Valley's* in-game dialogue via Python, XQuery, and the SaxonC library; the methods and results of which are displayed online through GitHub Pages
- Led the cleanup of Character, Location, Event, and related Miscellaneous XML files
- Established Python scripts to output dynamic topic modeling visualizations of character data

### **Founding of Penn State Behrend Website and Analysis**

**Fall 2022**

- Collaborative partner of the interdisciplinary team responsible for developing, testing, and releasing encoded historical documents utilizing XML, XPath, and XSLT
- Established version control and fostered effective collaboration and teamwork through Git
- Transcribed historical documents to provide innovative search functions and create a database of longitudinal records for Penn State on GitHub Pages

### **Flannan Isles React JavaScript Demo**

**Fall 2023**

- Designed a demo website describing fictionalized versions of the Flannan Islands, employing JavaScript and JSX with the React Library
- Formed a functional database containing names, images, descriptions, and category for front-end display
- Employed NPM for package implementation, website deployment, and publishing

### **Erie Maritime Museum Visual Identity Design**

**Fall 2021**

- Conducted research on the Erie Maritime Museum and the historical background, addressing logo and website concerns
- Consulted the Museum's Site Administrator to identify representation requirements that best fit the museum's mission and goals
- Planned and redesigned the visual identity and elements of the museum utilizing wireframing techniques in Adobe Photoshop and Illustrator and finished versions in Adobe Illustrator

## **Work Experience**

### **Customer Service Representative / Team Member | Einstein Bros. Bagels                      Sept 2024 – Present**

- Delivered exceptional customer service in a fast-paced environment, maintaining excellent verbal communication with customers and team members
- Successfully diagnosed and repaired critical machinery, applying problem-solving skills to minimize downtime in a fast-paced production environment
- Managed time effectively during high-volume periods, prioritizing tasks such as food preparation, order assembly, and table maintenance

### **Student Recruitment Ambassador | Penn State Erie, The Behrend College                      Jan 2023 – Dec 2023**

- Enthusiastically supporting the School of Humanities and Social Sciences through community and on-campus outreach with excellent verbal communication skills.
- Collaboratively acted with other Schools and Ambassadors to showcase departments and programs to prospective undergraduate students.

### **Data Research Internship | National Institute of Standards and Technology                      May 2023 – Aug 2023**

- Assessed data storage and curation solutions for quality analysis of manufacturing systems, contributing to the initial development through data integration problem-solving.
- Collaborated with PhD. researchers to implement a use case of selected structures through Python, XML, and HDF5 reporting data from product life cycle stages.

### **Web Designer | Penn State Erie, The Behrend College    May 2022 – Dec 2022**

- Developed and maintained the revision of the newly responsive Digital Media, Arts, and Technology program's student-run website.
- Managed the migration of content and website elements while updating user interface elements.
- Oversaw and constructed the accessibility features and user experience of the site, matching compliance with SEO best practices and mobile compatibility.

### **Instructor Support | Penn State Erie, The Behrend College    June 2022 – June 2022**

- Aided an instructor in a friendly and collaborative one-week course aiming to provide XSLT and XML processing instruction to PhD project teams.
- Discussed strategies delivering systematically building archives and non-relational databases with document processing and systematic encoding.

## **Technical Skills**

### **Programming Languages**

- HTML, CSS, JavaScript
- Python, R, JSX
- XML, XSLT, XPath, XQuery, Regex

### **Applications/Software**

- RStudio, Tableau, IBM SPSS, Microsoft Office (Word, Excel, PowerPoint), Power BI, SQL
- Git, GitHub, Oxygen XML Editor, WordPress, Node.js, React.js, Three.js
- Adobe CC (Photoshop, Illustrator, InDesign, XD), Figma, Canva

### **Awards**

Patricia S. Yahn Art Show

Chancellors Award, 2021