

# Henry Wilson

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## EDUCATION

### University of Pittsburgh

**Expected Graduation Date:** May 2025

*Bachelor of Science in Digital Narrative & Interactive Design*

*Pittsburgh, PA*

*Minors in Computer Science & Film and Media Studies*

- **GPA:** 3.52/4.0
- **Relevant Coursework:** Discrete Structures, Algorithms and Data Structures, Intermediate Programming, Calculus, Physics, Computer Organization & Assembly Language, Composing Digital Media, Digital Narrative and Interactive Design, Narrative and Technology, Intro to New Media

## SKILLS

Java, HTML, CSS, Python, Adobe Creative Suite, JavaScript, Video Editing, Graphic Design, Unity 2D, React

## PROJECTS

### Dimwit, Multimedia entertainment project

**December 2021 – present**

- Created, wrote, shot, and edited a multi-platform video series combining comedic editing, analog video equipment, and underground music into long-form online content
- Accumulated over 300,000 views and 3,000 followers across multiple platforms in one year
- Selected works included in Metropolitan Museum of Art's Thomas Watson Library
- Self-taught HTML/CSS web design; JavaScript; video editing/graphic design via Adobe Creative Suite

### Big Trouble with the Daily Double, Data Visualization Project

**August - September 2023**

- Analyzed 30,000+ *Jeopardy!* questions using JupyterHub, NumPy, and Matplotlib Python libraries to uncover evolving Daily Double betting patterns
- Visualized trends in contestant wagering strategies, enhancing insights into game dynamics
- Translated findings into palatable reading format, with a focus towards clarity and function

### In A Dark, Dark Room, Arduino Interactive Exhibit

**October 2023**

- Developed Arduino-based interactive diorama based on children's short story "In A Dark, Dark Room"
- Integrated hardware with code to synchronize light, sound, and movement to user inputs within diorama
- Utilized object-oriented programming language, emphasizing code readability and algorithmic efficiency

## WORK EXPERIENCE

### University of Pittsburgh, Event Production

**August 2023 - January 2024**

*Audio-Visual Technician*

*Pittsburgh, PA*

- Operated in collaborative environment, maintaining and troubleshooting AV equipment with industry-standard management software
- Prepared technology for live events, ensuring top-notch audio and video quality

## ORGANIZATIONS

### WPTS Radio

**August 2021 - December 2023**

*On-Air DJ*

*Pittsburgh, PA*

- Broadcast music on college radio station, detailing local music alongside outreach programs

### BSA Troop 490

**March 2014 – June 2021**

*Eagle Scout*

*Madison, CT*

- Coordinated the assembly of three American flag disposal boxes for local veteran organizations