

Ian Rudy

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Education

Bachelor of Science in both: Computer Science and Digital Communications
Susquehanna University, Selinsgrove, PA

Expected May 2024

Minors: Honors Program

Work as a tutor for the Computer Science department 2022-2024.

Volunteer work/study abroad - Projects Abroad - Taught computer science to 12-16 year old children in Accra, Ghana, with other topics including 3D modelling/design.

Work Experience

Design Lab Assistant, Lansing Youth Services, Lansing, NY

Sept 2019-July 2020

- Assisted faculty and staff with various video projects including preparation/editing of video lessons for Media/Journalism class, creating promotional material for school classes and events, and editing video of the school Board of Education meetings for my supervisor in the Design Lab
- Edited videos using Adobe Premiere Pro and After Effects
- Created logos for the school Journalism class to use
- Operated cameras to help film video lessons and interviews
- Setting up software and hardware for live video broadcasting
- Using 3D software such as Autodesk and Blender to create course content, and using 3D printers to test their condition, and to print models for various uses
- Organized supplies, cabinets, tools, and teacher files; developed storage solution for measuring tools
- Gained experience using hand and power tools to build storage units for classrooms and to deconstruct robots made in engineering classes so that parts could be reused.

Media/Live Stream Technician, First Baptist Church, Salisbury, MD

Summer 2021-Present

- Setting up cameras for live streaming of church service and events (such as vacation bible school)
- Setting up and connecting streaming services to the recorded video feed (Youtube, Facebook, other RTMP)
- Creation and management of digital assets such as overlays, videos, music, etc... for use during the stream
- Controlling video feed and other visuals during the stream, switching cameras, displaying lyrics in-time with music, displaying title-cards and lower-thirds, and any other necessary video features
- Providing advice for hardware setup and maintenance

Academic Experience

Communications Classes:

- Further developed skills in Adobe Creative Suite during “Methods of Adobe Creative Suite”. Final project included design of a company logo, and accompanying letterhead/stationary for a business.
- Further developed statistical skills in “Digital Media Analytics”, including learning more about data analysis as it relates to advertising and the communications field.
- Creation of a small advertising campaign for the World of Little League Museum in “Advertising and Public Relations”
- Crisis Management planning and execution skills developed in “Crisis Management” class.
- Further developed research skills, especially those applicable to advertising and communications in “Research Methods in Advertising”

Graphic Design Classes:

- Further improved skills in Adobe Creative Suite in “Computer Graphic Design”
- More experience with Adobe Creative Suite, as well as practical experience with graphic design. Developing knowledge of theory and best practices for graphic design work, as well as experience in a range of graphic design work, including work on logos, posters, package labels, and more. Done in “Visual Communication”.

Other research and analysis skills developed in Computer Science curriculum, as well as additional experience with web development.

Skills

Video:

- Editing: experience with various simple and complex techniques, familiar with various programs
- Filming: skilled at employing perspective, lighting, etcetera to optimize and produce shots professionally
- Animation: independent experience with both 2D and 3D animation with various programs

Image:

- Proficient at image editing and manipulation with tools such as Adobe Photoshop
- Graphic Design, theory and execution.
- Skilled with photography, including understanding of framing and lighting. Digital and Film.

Technology:

- Highly proficient with Windows operating system, moderately proficient with Linux operating systems (including server management), little experience with Mac.
- Software:
 - Microsoft: Word, Power point, Excel, some experience with the rest of the Microsoft Office Suite
 - Adobe: Photoshop, InDesign, Illustrator, Premiere Pro, After Effects, Acrobat, and minor experience with other Adobe Creative Suite programs
 - Google: Docs, Slides, Sheets, Gmail, Colab, and other G Suite programs
 - Other: alternatives to most of above software, OBS, Shotcut
 - 3D: Fusion 360, Blender, Unity
 - WebXR
- Various Computer Science research projects, including parallel processing, machine vision, machine learning, and natural language processing.

Languages:

- Spanish – 6 years (Honors) – Obtained Seal of Biliteracy – Moderate ability

Academic Merits

Dean's List

- Every Semester

High Honor Role

- Every Semester

Kappa Mu Epsilon

- Honor Society

Lambda Pi Eta

- Honor Society