

ERIK C. SHIVELY

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EDUCATION

Missouri University of Science and Technology
B.S. Computer Science

Aug 2020 - Graduation
Major GPA: 3.11

TOOLS/LANGUAGES/Frameworks

C++	QT	Git
Python	Pandas	Visual Studio
SQL	SciKit	
Markdown	Linux (Bash/Terminal)	

PROJECTS (GitHub)

Py1R

- An implementation of the One Rule machine learning algorithm
- Binomial Predictive Classifier

FGVodParser

- Uses machine learning to generate a computer vision model
- Extracts video metadata with generated model
- Includes a tool to supplement training data

PyLSB

- An implementation of Least Significant Bit steganography
- Deconstructs files into binary/Reconstructs files
- Hides text or files in images

TOOLS USED

Python

Python
SciKit Image
SciKit Learn

Python
SciKit Image

COMPUTER SCIENCE EXPERIENCE

ACM-Data/MoData

- Founding member of MoData.blog
- Uses Python 3/Pandas for Analysis
- Gives lectures on
 - Computer Vision
 - Data Wrangling
 - Classification
- Competed in **DataFest**
 - Data Science Competition hosted by UM - Columbia
 - Given a 1GB+ dataset of job listings
 - Form a thesis and present within 48 hours

EXTRA DISTINCTIONS

250+ Volunteering Hours: Schools, Hospital