David Meyer

303-884-6371

meyer.david221@gmail.com

GitHub account: deyerLast

**Education**

Olathe Northwest High School

Class of 2013

Morgan Community College

September 2011 - December 2011

South Denver School of Nursing Arts

September 2013 - November 2013

Front Range Community College

January 2014 - September 2014

Ozark Technical Community College

September 2014 - December 2016

Barnes Goldfarb School of Nursing

January 2017- February 2017

Metropolitan State University of Denver

September 2017 - Current

BACHELOR OF SCIENCE (BS) COMPUTER SCIENCE

Courses: Digital Image Processing, Computer Network and Security, Matrix Algebra, Discrete Mathematics

**School Projects**

Software Dev Methods and Tools

⁃ Learned C++ and Epic Game Engine

⁃ Lead the team to create this video game

⁃ Learned git.ignore

⁃ Created a Video game with a team

⁃ Worked on inventory system, item classes and their uses, player movement, health system, and weapon equipping and socketing, attacking using weapon.

⁃ Learned how to work as a team and find different solutions for tasks with other members issues as well as my own

Digital Image Processing

⁃ Used Python or Matlab for projects

⁃ Learned Edge Detection

⁃ Learned Blurring of image and uses

⁃ Learned Sharpening of image and uses

⁃ Learned Color Space difference and what they can do

⁃ Skin detection - difference ways with different colorspaces

⁃ Currently creating an app to detect if mole is cancerous using skin detection methods and segmentation.

Cellular Development

⁃ Used Kotlin

⁃ Learned how to make cell phones use bluetooth to connect to other cellphones to play games, play sounds, and flash the screen

⁃ Also created a very basic step counter that taught me about how the sensors in the phone can keep something small like how someone walks.

Computer Science 2

⁃ Learned Java

⁃ Learned about arrays and array lists

⁃ Learned how to use classes as objects

⁃ Created a Grade book using different classes to hold information about Student and Grades

⁃ Learned to read and save files

**Skills**

⁃ Java

⁃ C++

⁃ Python

⁃ Git

⁃ Kotlin

⁃ Matlab

⁃ Epic Games Engine

⁃ Working in and with teams

**Extra Curricular Activities**

⁃ Varsity Soccer Team

⁃ Intelligent Agriculture Study using Matlab to find a machine learning algorithm to grow the best plant

⁃ Video Game Creation