

# Honors Tutorial College

## Student Tutorial Description Form

TO BE COMPLETED BY THE STUDENT AND SUBMITTED BY EMAIL TO THE HTC [honors.college@ohio.edu](mailto:honors.college@ohio.edu)  
AND TO YOUR DOS BY 5:00 ON THE 2ND FRIDAY OF THE SEMESTER

<i>Student Name</i> Benjamin Carman		<i>Program of Study</i> Computer Science	
<i>Tutorial Number</i> CS 2981T	<i>Academic Year</i> 2018-2019	<i>Academic Semester</i> Spring	
<i>First and Last Name of Tutor</i> David Chelberg			
<i>Tutor's Department</i> Electrical Engineering and Computer Science			

**Description:** Please write a clear and concise description of the academic terrain the tutorial will cover. (250 word maximum)

This tutorial will cover the topic of Computer Vision with a particular focus on its algorithmic implementation. Throughout the tutorial, a number of projects will be completed using the OpenCV libraries for C++ as studied in the book *Learning OpenCV 3: Computer Vision in C++ with the OpenCV Library* by Adrian Kaehler and Gary Bradski as well as in the OpenCV tutorial documentation. This tutorial will facilitate the exploration of countless applications of computer vision technologies as well as cover some of the basic theories on which these projects can be built. With a focus on programming and application, this tutorial is the perfect complement to tutorial studies in computer vision in the mathematics department which will take a much more theoretical approach to the field of study.

**\*\*You must register for your tutorial by 5:00 on the second Friday of the semester. \*\***