

Welcome to the Fall 2017 offering of Computer Vision (CS6476)

Computer Vision Students:

Welcome to the Spring offering of CS 6476 (Computer Vision). With this welcome note, we hope to give you some basic information about the logistics of this class. Please read this carefully and save it for future reference.

Course Syllabus and Related Info:

[Course Syllabus and Schedule](#)

Piazza

All communications and discussions will be via Piazza.

- Please use your GA Tech email id for this and please make sure that your last name and first name match to the names we have with GA Tech. This is IMPORTANT as we need to match you across these two systems.

We will remove students we can't match to the T-square OR the registrar's site.

Piazza is to be used to communicate with each other and with the Instructors/TAs. Please no emails to instructors unless they are URGENT and of extreme private need. Piazza will also be used to discuss topics. Note that you can use PIAZZA to send notes to instructors privately. This is a good way to communicate with us, as this way it reaches all of the instructors. Do also note that while you can be anonymous to your classmates, the instructors will always know the name of any poster, except in instances where anonymous setting is chosen for a poll. Additionally, the course staff will use Piazza to announce variety of things.

Please introduce yourself on Piazza to get the term started @11.

As the term unfolds, the Course staff will start specific topics of discussion related for each module (or lecture) and assignment. Please use this to discuss these topics. We also request that before posting or asking any questions, you do a quick search of the Piazza site to see if the issue you are curious about has been already discussed.

T-square

T-square will be used for grade reports. It will also be used for the exam. Please familiarize yourself with this site. Assignments will be given through Piazza and through announcement on T-Square. The majority of announcements will only be given through Piazza however, so please be prepared.

Video Lectures

All video lectures are available from

- <http://www.udacity.com/georgia-tech/welcome>

Several of the video have quizzes as you progress through them. Readings related to each lecture are included with the videos and also listed with the schedule mentioned above. Look for specific Posts on Piazza to discuss each module/lecture. Also, you can find many additional resources and slides at this site

Books and Development Tools

This course does not require you to purchase any book. Students in previous semesters have found that the following books aid them in their understanding of the course material: Forsyth & Ponce (2012), Computer Vision: A Modern Approach (Available on T-Square under Resources) Szeliski (2010), Computer Vision: Algorithms and Application (Available on T-Square under Resources)

Further, we will be using Python, so there are no special development tools that we require you to purchase or download.

Assignments

We will be releasing seven assignments (six problem sets and one project). Each assignment will be released according to the class schedule and can be downloaded from the Gatech Github website when available. References to previous semesters' assignments are not valid and cannot be addressed until the current, respective assignment has been released.

Language Requirements:

The class will **only** be using Python.

While the provided lectures in Udacity use Matlab and Octave, all of the assignments that we ask for you to complete MUST be done in Python. We will be unable to grade assignments in Matlab or in other languages.

Finally, welcome again. We look forward to introducing you to the wonderful concept of COMPUTER VISION. Look forward to more information from us.

Remember to have fun computing with images.

Irfan Essa and the CS 6476 Staff

<http://prof.irfanessa.com>

#pin

logistics

Updated 7 hours ago by Pedro Velez

followup discussions for lingering questions and comments

☒ Resolved ☐ Unresolved



Junjie Yang 6 hours ago

I already signed up my piazza using my gmail account. Do I need to change it to my ga account?



Pedro Velez 6 hours ago You can just add your GT email address in "Account/Email Settings" located in the top right button (drop-down menu).

☒ Resolved ☐ Unresolved



Brian 6 hours ago

Is anyone else having problems connecting to the provided links? Thanks so much!!



Sid Wiesner 6 hours ago Which links? Syllabus, udacity, and professor's website are all working for me.



Sid Wiesner 6 hours ago The Udacity link for the course that works for me is: <https://classroom.udacity.com/courses/ud810/>



Brian 5 hours ago Syllabus, and udacity..but I am on a work computer.....
Prof's link works for me.



Sean Wang 5 hours ago The syllabus is hosted on google drive and may be blocked by your work's web content system.



Brian 13 minutes ago Yup, works at home! Udacity link still gives me an error, but I can get to the class by logging in myself.

☒ Resolved ☐ Unresolved



Sid Wiesner 6 hours ago

Note a small typo in the Syllabus schedule. It shows both "Object tracking and pedestrian detection" and "Classification" as project 5, and the final project as 6. I assume there are 7 total.