EC327 Final Project Ideas

Past Course YouTube Channels
2013 - https://www.youtube.com/channel/UC1LhcA1iwphaKZGlIOex6Iw/featured
2014 - https://www.youtube.com/channel/UCB50oaCh6PNq40anH0iqPfg/featured
2015 - https://www.youtube.com/channel/UCYOON2YPFohuw1ceSA0g0Tg/featured
2016 - https://www.youtube.com/channel/UCY73JBso3rta3vvV_LqTycQ/featured
2017 - https://www.youtube.com/channel/UCUWEuqmcadxwwLL6oTBjs6g/featured
2019 - https://www.youtube.com/channel/UCnS8pKpA4L5xeo2dMP_1CjQ/featured
2021 - https://www.youtube.com/channel/UCPLZT_wdmXADHYVGDiOoMmw/featured

Nice Examples
https://www.youtube.com/watch?v=2BOo-RwXiOM
https://www.youtube.com/watch?v=ODlr5l-Cuck
https://www.youtube.com/watch?v=SnTBqyWHxTY
(many more; check out the channels)

Project Ideas
Android Apps
- See YouTube videos

Simple 2D games
- UI for PA4

Introduction to Data Science based project
- Linear or Logistic Regression based Classification or Clustering

Basic Web Browser Game
- Tetris, Chess, Text Editor, Tic-Tac-Toe etc.

Face detection GUI
Network Programming in C

Project Technologies
C, C++, C#
Java
Python, Perl, Ruby
R
Javascript
QT
MySql
MongoDB
Matlab
PHP
Go
Linux/Unix
Android Studio and Java
OpenGL/Unreal Engine/Unity

OpenCV with C++