

Vision Project

4/22 Minutes

- Be careful when using header file for microcontroller that we used last semester
- TRIS bit for input/output (SPI)
- “register name” + bits = choices you can use
- Board came in
- Can't order FPGA, won't come in until after graduation
- Program with the microcontroller instead of the FPGA (we still have FPGA port)
- Soldering the parts to the board
- Can get the common parts in the storage room across from Stin-Rem 213
- Camera has same process as communication but goes through UART instead of SPI
- Debug software on the kit board
- Lucas met with the grad student again
- Must change MATLAB code to C for algorithms
- Website finished, looks good
- Demo is a week from Friday, meet with Schafer before
- Most groups have done poster in the past => make poster
- Report due at demo (in a week from Friday)
- Demo to show that it is functional, but not necessarily with robots
- Pair of tweezers in the box; Sakai has some help for soldering suggestions