

## Matching Metrics

Note: Our interpretation of the matching metrics was originally the parameters used for matching and filtering features. All the parameters were kept constant except for the value of nFeatures, which had to be increased for St. James. At the bottom of the parameter lists there is also the “good\_matches” matching values of features from the anchor and attach images of the WLH stitch (sample with just 3 images, as otherwise the list got too long).

Walter Lite Hall:

```
int nfeatures = 2000;
float scaleFactor = 1.35f;
int nlevels = 8;
int edgeThreshold = 31;
int firstLevel = 0;
int WTA_K = 2;
ORB::ScoreType scoreType = ORB::HARRIS_SCORE;
int patchSize = 31;
```

StJames:

```
int nfeatures = 5000;
float scaleFactor = 1.35f;
int nlevels = 8;
int edgeThreshold = 31;
int firstLevel = 0;
int WTA_K = 2;
ORB::ScoreType scoreType = ORB::HARRIS_SCORE;
int patchSize = 31;
```

Office2:

```
int nfeatures = 2000;
float scaleFactor = 1.35f;
int nlevels = 8;
int edgeThreshold = 31;
int firstLevel = 0;
int WTA_K = 2;
ORB::ScoreType scoreType = ORB::HARRIS_SCORE;
int patchSize = 31;
```

Sample keypoint matching from WLH stitch:

Start of image matching with anchor:

C:/Users/Lukas/source/repos/laptopStitch/laptopStitch/pics/WLH/toBeStitched\2.jpg

-- Good Match 0Keypoint 1: 22-- Keypoint 2: 1073  
-- Good Match 1Keypoint 1: 96-- Keypoint 2: 2354  
-- Good Match 2Keypoint 1: 97-- Keypoint 2: 872  
-- Good Match 3Keypoint 1: 100-- Keypoint 2: 1254  
-- Good Match 4Keypoint 1: 132-- Keypoint 2: 472  
-- Good Match 5Keypoint 1: 156-- Keypoint 2: 1776  
-- Good Match 6Keypoint 1: 189-- Keypoint 2: 1905  
-- Good Match 7Keypoint 1: 200-- Keypoint 2: 68  
-- Good Match 8Keypoint 1: 228-- Keypoint 2: 684  
-- Good Match 9Keypoint 1: 235-- Keypoint 2: 1662  
-- Good Match 10Keypoint 1: 256-- Keypoint 2: 1655  
-- Good Match 11Keypoint 1: 264-- Keypoint 2: 1173  
-- Good Match 12Keypoint 1: 287-- Keypoint 2: 1853  
-- Good Match 13Keypoint 1: 297-- Keypoint 2: 841  
-- Good Match 14Keypoint 1: 356-- Keypoint 2: 118  
-- Good Match 15Keypoint 1: 418-- Keypoint 2: 311  
-- Good Match 16Keypoint 1: 423-- Keypoint 2: 700  
-- Good Match 17Keypoint 1: 441-- Keypoint 2: 1595  
-- Good Match 18Keypoint 1: 465-- Keypoint 2: 104  
-- Good Match 19Keypoint 1: 520-- Keypoint 2: 1203  
-- Good Match 20Keypoint 1: 525-- Keypoint 2: 658  
-- Good Match 21Keypoint 1: 526-- Keypoint 2: 1063  
-- Good Match 22Keypoint 1: 539-- Keypoint 2: 516  
-- Good Match 23Keypoint 1: 542-- Keypoint 2: 1311  
-- Good Match 24Keypoint 1: 569-- Keypoint 2: 1185  
-- Good Match 25Keypoint 1: 645-- Keypoint 2: 77

-- Good Match 26Keypoint 1: 667-- Keypoint 2: 1297  
-- Good Match 27Keypoint 1: 699-- Keypoint 2: 306  
-- Good Match 28Keypoint 1: 718-- Keypoint 2: 990  
-- Good Match 29Keypoint 1: 719-- Keypoint 2: 756  
-- Good Match 30Keypoint 1: 727-- Keypoint 2: 2019  
-- Good Match 31Keypoint 1: 735-- Keypoint 2: 925  
-- Good Match 32Keypoint 1: 781-- Keypoint 2: 860  
-- Good Match 33Keypoint 1: 783-- Keypoint 2: 1290  
-- Good Match 34Keypoint 1: 790-- Keypoint 2: 996  
-- Good Match 35Keypoint 1: 811-- Keypoint 2: 474  
-- Good Match 36Keypoint 1: 861-- Keypoint 2: 1352  
-- Good Match 37Keypoint 1: 875-- Keypoint 2: 1118  
-- Good Match 38Keypoint 1: 911-- Keypoint 2: 874  
-- Good Match 39Keypoint 1: 937-- Keypoint 2: 605  
-- Good Match 40Keypoint 1: 970-- Keypoint 2: 803  
-- Good Match 41Keypoint 1: 986-- Keypoint 2: 60  
-- Good Match 42Keypoint 1: 994-- Keypoint 2: 1873  
-- Good Match 43Keypoint 1: 1001-- Keypoint 2: 1381  
-- Good Match 44Keypoint 1: 1004-- Keypoint 2: 1239  
-- Good Match 45Keypoint 1: 1011-- Keypoint 2: 1216  
-- Good Match 46Keypoint 1: 1016-- Keypoint 2: 765  
-- Good Match 47Keypoint 1: 1024-- Keypoint 2: 859  
-- Good Match 48Keypoint 1: 1091-- Keypoint 2: 883  
-- Good Match 49Keypoint 1: 1102-- Keypoint 2: 2063  
-- Good Match 50Keypoint 1: 1136-- Keypoint 2: 476  
-- Good Match 51Keypoint 1: 1158-- Keypoint 2: 1958  
-- Good Match 52Keypoint 1: 1241-- Keypoint 2: 2342  
-- Good Match 53Keypoint 1: 1254-- Keypoint 2: 1311  
-- Good Match 54Keypoint 1: 1258-- Keypoint 2: 1453

-- Good Match 55Keypoint 1: 1268-- Keypoint 2: 1888  
-- Good Match 56Keypoint 1: 1279-- Keypoint 2: 1416  
-- Good Match 57Keypoint 1: 1343-- Keypoint 2: 1317  
-- Good Match 58Keypoint 1: 1347-- Keypoint 2: 1655  
-- Good Match 59Keypoint 1: 1383-- Keypoint 2: 1034  
-- Good Match 60Keypoint 1: 1418-- Keypoint 2: 769  
-- Good Match 61Keypoint 1: 1421-- Keypoint 2: 1770  
-- Good Match 62Keypoint 1: 1445-- Keypoint 2: 1598  
-- Good Match 63Keypoint 1: 1467-- Keypoint 2: 1500  
-- Good Match 64Keypoint 1: 1485-- Keypoint 2: 1755  
-- Good Match 65Keypoint 1: 1499-- Keypoint 2: 1526  
-- Good Match 66Keypoint 1: 1501-- Keypoint 2: 975  
-- Good Match 67Keypoint 1: 1517-- Keypoint 2: 1887  
-- Good Match 68Keypoint 1: 1523-- Keypoint 2: 1359  
-- Good Match 69Keypoint 1: 1535-- Keypoint 2: 621  
-- Good Match 70Keypoint 1: 1540-- Keypoint 2: 2194  
-- Good Match 71Keypoint 1: 1545-- Keypoint 2: 1504  
-- Good Match 72Keypoint 1: 1548-- Keypoint 2: 1173  
-- Good Match 73Keypoint 1: 1555-- Keypoint 2: 449  
-- Good Match 74Keypoint 1: 1560-- Keypoint 2: 2327  
-- Good Match 75Keypoint 1: 1590-- Keypoint 2: 2356  
-- Good Match 76Keypoint 1: 1605-- Keypoint 2: 2381  
-- Good Match 77Keypoint 1: 1632-- Keypoint 2: 1327  
-- Good Match 78Keypoint 1: 1648-- Keypoint 2: 1713  
-- Good Match 79Keypoint 1: 1678-- Keypoint 2: 2108  
-- Good Match 80Keypoint 1: 1685-- Keypoint 2: 1662  
-- Good Match 81Keypoint 1: 1722-- Keypoint 2: 2025  
-- Good Match 82Keypoint 1: 1741-- Keypoint 2: 2030  
-- Good Match 83Keypoint 1: 1785-- Keypoint 2: 1327

-- Good Match 84Keypoint 1: 1786-- Keypoint 2: 1327  
-- Good Match 85Keypoint 1: 1803-- Keypoint 2: 1787  
-- Good Match 86Keypoint 1: 1815-- Keypoint 2: 1690  
-- Good Match 87Keypoint 1: 1821-- Keypoint 2: 1884  
-- Good Match 88Keypoint 1: 1834-- Keypoint 2: 1879  
-- Good Match 89Keypoint 1: 1845-- Keypoint 2: 1648  
-- Good Match 90Keypoint 1: 1855-- Keypoint 2: 1885  
-- Good Match 91Keypoint 1: 1870-- Keypoint 2: 1681  
-- Good Match 92Keypoint 1: 1873-- Keypoint 2: 1681  
-- Good Match 93Keypoint 1: 1928-- Keypoint 2: 2010  
-- Good Match 94Keypoint 1: 1937-- Keypoint 2: 2135  
-- Good Match 95Keypoint 1: 1941-- Keypoint 2: 1968  
-- Good Match 96Keypoint 1: 1946-- Keypoint 2: 2240  
-- Good Match 97Keypoint 1: 1960-- Keypoint 2: 2046  
-- Good Match 98Keypoint 1: 1966-- Keypoint 2: 1727  
-- Good Match 99Keypoint 1: 1971-- Keypoint 2: 2018  
-- Good Match 100Keypoint 1: 1977-- Keypoint 2: 2009  
-- Good Match 101Keypoint 1: 1981-- Keypoint 2: 1963  
-- Good Match 102Keypoint 1: 1992-- Keypoint 2: 1991  
-- Good Match 103Keypoint 1: 1995-- Keypoint 2: 2033  
-- Good Match 104Keypoint 1: 1996-- Keypoint 2: 1953  
-- Good Match 105Keypoint 1: 2001-- Keypoint 2: 2267  
-- Good Match 106Keypoint 1: 2006-- Keypoint 2: 2070  
-- Good Match 107Keypoint 1: 2013-- Keypoint 2: 2075  
-- Good Match 108Keypoint 1: 2023-- Keypoint 2: 2138  
-- Good Match 109Keypoint 1: 2027-- Keypoint 2: 2085  
-- Good Match 110Keypoint 1: 2028-- Keypoint 2: 2063  
-- Good Match 111Keypoint 1: 2031-- Keypoint 2: 1928  
-- Good Match 112Keypoint 1: 2037-- Keypoint 2: 2025

-- Good Match 113Keypoint 1: 2062-- Keypoint 2: 2125  
-- Good Match 114Keypoint 1: 2064-- Keypoint 2: 2005  
-- Good Match 115Keypoint 1: 2068-- Keypoint 2: 2002  
-- Good Match 116Keypoint 1: 2074-- Keypoint 2: 2003  
-- Good Match 117Keypoint 1: 2090-- Keypoint 2: 871  
-- Good Match 118Keypoint 1: 2103-- Keypoint 2: 2098  
-- Good Match 119Keypoint 1: 2108-- Keypoint 2: 1272  
-- Good Match 120Keypoint 1: 2141-- Keypoint 2: 2247  
-- Good Match 121Keypoint 1: 2149-- Keypoint 2: 2396  
-- Good Match 122Keypoint 1: 2155-- Keypoint 2: 2141  
-- Good Match 123Keypoint 1: 2176-- Keypoint 2: 2142  
-- Good Match 124Keypoint 1: 2192-- Keypoint 2: 2225  
-- Good Match 125Keypoint 1: 2193-- Keypoint 2: 2241  
-- Good Match 126Keypoint 1: 2196-- Keypoint 2: 2156  
-- Good Match 127Keypoint 1: 2198-- Keypoint 2: 2185  
-- Good Match 128Keypoint 1: 2214-- Keypoint 2: 2211  
-- Good Match 129Keypoint 1: 2225-- Keypoint 2: 2366  
-- Good Match 130Keypoint 1: 2227-- Keypoint 2: 2260  
-- Good Match 131Keypoint 1: 2233-- Keypoint 2: 2249  
-- Good Match 132Keypoint 1: 2235-- Keypoint 2: 2294  
-- Good Match 133Keypoint 1: 2238-- Keypoint 2: 2279  
-- Good Match 134Keypoint 1: 2259-- Keypoint 2: 2289  
-- Good Match 135Keypoint 1: 2275-- Keypoint 2: 889  
-- Good Match 136Keypoint 1: 2295-- Keypoint 2: 2151  
-- Good Match 137Keypoint 1: 2301-- Keypoint 2: 2325  
-- Good Match 138Keypoint 1: 2304-- Keypoint 2: 2358  
-- Good Match 139Keypoint 1: 2319-- Keypoint 2: 2326  
-- Good Match 140Keypoint 1: 2327-- Keypoint 2: 2345  
-- Good Match 141Keypoint 1: 2329-- Keypoint 2: 2372

-- Good Match 142Keypoint 1: 2340-- Keypoint 2: 2385  
-- Good Match 143Keypoint 1: 2343-- Keypoint 2: 2347  
-- Good Match 144Keypoint 1: 2349-- Keypoint 2: 2371  
-- Good Match 145Keypoint 1: 2353-- Keypoint 2: 2356  
-- Good Match 146Keypoint 1: 2356-- Keypoint 2: 2379  
-- Good Match 147Keypoint 1: 2363-- Keypoint 2: 2320  
-- Good Match 148Keypoint 1: 2379-- Keypoint 2: 2300  
-- Good Match 149Keypoint 1: 2392-- Keypoint 2: 2368  
-- Good Match 150Keypoint 1: 2402-- Keypoint 2: 2406  
-- Good Match 151Keypoint 1: 2405-- Keypoint 2: 2038  
-- Good Match 152Keypoint 1: 2407-- Keypoint 2: 2323  
-- Good Match 153Keypoint 1: 2413-- Keypoint 2: 2381  
-- Good Match 154Keypoint 1: 2420-- Keypoint 2: 2460  
-- Good Match 155Keypoint 1: 2426-- Keypoint 2: 2364  
-- Good Match 156Keypoint 1: 2427-- Keypoint 2: 2431  
-- Good Match 157Keypoint 1: 2431-- Keypoint 2: 2445  
-- Good Match 158Keypoint 1: 2448-- Keypoint 2: 2478  
-- Good Match 159Keypoint 1: 2473-- Keypoint 2: 2447  
-- Good Match 160Keypoint 1: 2485-- Keypoint 2: 2493  
-- Good Match 161Keypoint 1: 2489-- Keypoint 2: 2483  
-- Good Match 162Keypoint 1: 2496-- Keypoint 2: 2453End of image matching with anchor:  
C:/Users/Lukas/source/repos/laptopStitch/laptopStitch/pics/WLH/toBeStitched\2.jpg

Start of image matching with anchor:

C:/Users/Lukas/source/repos/laptopStitch/laptopStitch/pics/WLH/toBeStitched\20191119\_151853.jpg

-- Good Match 0Keypoint 1: 12-- Keypoint 2: 1662  
-- Good Match 1Keypoint 1: 75-- Keypoint 2: 1488  
-- Good Match 2Keypoint 1: 108-- Keypoint 2: 1031

-- Good Match 3Keypoint 1: 178-- Keypoint 2: 2131  
-- Good Match 4Keypoint 1: 237-- Keypoint 2: 2278  
-- Good Match 5Keypoint 1: 278-- Keypoint 2: 2421  
-- Good Match 6Keypoint 1: 326-- Keypoint 2: 205  
-- Good Match 7Keypoint 1: 436-- Keypoint 2: 2141  
-- Good Match 8Keypoint 1: 439-- Keypoint 2: 1395  
-- Good Match 9Keypoint 1: 524-- Keypoint 2: 1056  
-- Good Match 10Keypoint 1: 681-- Keypoint 2: 652  
-- Good Match 11Keypoint 1: 727-- Keypoint 2: 474  
-- Good Match 12Keypoint 1: 788-- Keypoint 2: 1116  
-- Good Match 13Keypoint 1: 822-- Keypoint 2: 474  
-- Good Match 14Keypoint 1: 862-- Keypoint 2: 1354  
-- Good Match 15Keypoint 1: 907-- Keypoint 2: 603  
-- Good Match 16Keypoint 1: 930-- Keypoint 2: 1845  
-- Good Match 17Keypoint 1: 1005-- Keypoint 2: 1506  
-- Good Match 18Keypoint 1: 1007-- Keypoint 2: 1354  
-- Good Match 19Keypoint 1: 1018-- Keypoint 2: 528  
-- Good Match 20Keypoint 1: 1073-- Keypoint 2: 2421  
-- Good Match 21Keypoint 1: 1133-- Keypoint 2: 852  
-- Good Match 22Keypoint 1: 1247-- Keypoint 2: 1927  
-- Good Match 23Keypoint 1: 1252-- Keypoint 2: 2393  
-- Good Match 24Keypoint 1: 1261-- Keypoint 2: 1507  
-- Good Match 25Keypoint 1: 1263-- Keypoint 2: 1870  
-- Good Match 26Keypoint 1: 1278-- Keypoint 2: 1300  
-- Good Match 27Keypoint 1: 1281-- Keypoint 2: 1267  
-- Good Match 28Keypoint 1: 1304-- Keypoint 2: 2377  
-- Good Match 29Keypoint 1: 1315-- Keypoint 2: 1408  
-- Good Match 30Keypoint 1: 1370-- Keypoint 2: 1430  
-- Good Match 31Keypoint 1: 1382-- Keypoint 2: 2144



-- Good Match 32Keypoint 1: 1402-- Keypoint 2: 1341  
-- Good Match 33Keypoint 1: 1418-- Keypoint 2: 1689  
-- Good Match 34Keypoint 1: 1424-- Keypoint 2: 1405  
-- Good Match 35Keypoint 1: 1505-- Keypoint 2: 1392  
-- Good Match 36Keypoint 1: 1508-- Keypoint 2: 1263  
-- Good Match 37Keypoint 1: 1546-- Keypoint 2: 1355  
-- Good Match 38Keypoint 1: 1632-- Keypoint 2: 1710  
-- Good Match 39Keypoint 1: 1635-- Keypoint 2: 1672  
-- Good Match 40Keypoint 1: 1644-- Keypoint 2: 1775  
-- Good Match 41Keypoint 1: 1656-- Keypoint 2: 1635  
-- Good Match 42Keypoint 1: 1720-- Keypoint 2: 2035  
-- Good Match 43Keypoint 1: 1745-- Keypoint 2: 1856  
-- Good Match 44Keypoint 1: 1783-- Keypoint 2: 1730  
-- Good Match 45Keypoint 1: 1795-- Keypoint 2: 1867  
-- Good Match 46Keypoint 1: 1804-- Keypoint 2: 1723  
-- Good Match 47Keypoint 1: 1819-- Keypoint 2: 860  
-- Good Match 48Keypoint 1: 1823-- Keypoint 2: 1990  
-- Good Match 49Keypoint 1: 1837-- Keypoint 2: 1770  
-- Good Match 50Keypoint 1: 1838-- Keypoint 2: 2115  
-- Good Match 51Keypoint 1: 1848-- Keypoint 2: 1741  
-- Good Match 52Keypoint 1: 1855-- Keypoint 2: 1587  
-- Good Match 53Keypoint 1: 1860-- Keypoint 2: 2448  
-- Good Match 54Keypoint 1: 1868-- Keypoint 2: 1355  
-- Good Match 55Keypoint 1: 1870-- Keypoint 2: 1900  
-- Good Match 56Keypoint 1: 1888-- Keypoint 2: 1825  
-- Good Match 57Keypoint 1: 1889-- Keypoint 2: 1784  
-- Good Match 58Keypoint 1: 1895-- Keypoint 2: 466  
-- Good Match 59Keypoint 1: 1896-- Keypoint 2: 1514  
-- Good Match 60Keypoint 1: 1936-- Keypoint 2: 2187

-- Good Match 61Keypoint 1: 1945-- Keypoint 2: 2086  
-- Good Match 62Keypoint 1: 1953-- Keypoint 2: 1756  
-- Good Match 63Keypoint 1: 1954-- Keypoint 2: 2070  
-- Good Match 64Keypoint 1: 1959-- Keypoint 2: 2026  
-- Good Match 65Keypoint 1: 1975-- Keypoint 2: 1878  
-- Good Match 66Keypoint 1: 2009-- Keypoint 2: 1927  
-- Good Match 67Keypoint 1: 2058-- Keypoint 2: 2028  
-- Good Match 68Keypoint 1: 2087-- Keypoint 2: 2221  
-- Good Match 69Keypoint 1: 2130-- Keypoint 2: 1261  
-- Good Match 70Keypoint 1: 2134-- Keypoint 2: 1023  
-- Good Match 71Keypoint 1: 2223-- Keypoint 2: 1167  
-- Good Match 72Keypoint 1: 2247-- Keypoint 2: 1372  
-- Good Match 73Keypoint 1: 2255-- Keypoint 2: 2219  
-- Good Match 74Keypoint 1: 2260-- Keypoint 2: 2224  
-- Good Match 75Keypoint 1: 2288-- Keypoint 2: 2291  
-- Good Match 76Keypoint 1: 2330-- Keypoint 2: 1459  
-- Good Match 77Keypoint 1: 2335-- Keypoint 2: 2309  
-- Good Match 78Keypoint 1: 2355-- Keypoint 2: 2333  
-- Good Match 79Keypoint 1: 2373-- Keypoint 2: 2369  
-- Good Match 80Keypoint 1: 2390-- Keypoint 2: 2306  
-- Good Match 81Keypoint 1: 2393-- Keypoint 2: 2380  
-- Good Match 82Keypoint 1: 2433-- Keypoint 2: 1757  
-- Good Match 83Keypoint 1: 2458-- Keypoint 2: 2465  
-- Good Match 84Keypoint 1: 2479-- Keypoint 2: 2421  
-- Good Match 85Keypoint 1: 2496-- Keypoint 2: 53End of image matching with anchor:  
C:/Users/Lukas/source/repos/laptopStitch/laptopStitch/pics/WLH/toBeStitched\20191119\_151853.jpg

Start of image matching with anchor:

C:/Users/Lukas/source/repos/laptopStitch/laptopStitch/pics/WLH/toBeStitched\20191119\_151855.jpg

-- Good Match 0Keypoint 1: 11-- Keypoint 2: 1333  
-- Good Match 1Keypoint 1: 19-- Keypoint 2: 947  
-- Good Match 2Keypoint 1: 41-- Keypoint 2: 623  
-- Good Match 3Keypoint 1: 45-- Keypoint 2: 2379  
-- Good Match 4Keypoint 1: 60-- Keypoint 2: 1183  
-- Good Match 5Keypoint 1: 63-- Keypoint 2: 771  
-- Good Match 6Keypoint 1: 65-- Keypoint 2: 2134  
-- Good Match 7Keypoint 1: 76-- Keypoint 2: 320  
-- Good Match 8Keypoint 1: 78-- Keypoint 2: 570  
-- Good Match 9Keypoint 1: 128-- Keypoint 2: 11  
-- Good Match 10Keypoint 1: 130-- Keypoint 2: 296  
-- Good Match 11Keypoint 1: 163-- Keypoint 2: 254  
-- Good Match 12Keypoint 1: 188-- Keypoint 2: 486  
-- Good Match 13Keypoint 1: 212-- Keypoint 2: 1117  
-- Good Match 14Keypoint 1: 214-- Keypoint 2: 1339  
-- Good Match 15Keypoint 1: 223-- Keypoint 2: 848  
-- Good Match 16Keypoint 1: 248-- Keypoint 2: 370  
-- Good Match 17Keypoint 1: 252-- Keypoint 2: 771  
-- Good Match 18Keypoint 1: 261-- Keypoint 2: 909  
-- Good Match 19Keypoint 1: 265-- Keypoint 2: 649  
-- Good Match 20Keypoint 1: 280-- Keypoint 2: 440  
-- Good Match 21Keypoint 1: 290-- Keypoint 2: 1426  
-- Good Match 22Keypoint 1: 313-- Keypoint 2: 440  
-- Good Match 23Keypoint 1: 320-- Keypoint 2: 264  
-- Good Match 24Keypoint 1: 351-- Keypoint 2: 2496  
-- Good Match 25Keypoint 1: 364-- Keypoint 2: 310  
-- Good Match 26Keypoint 1: 388-- Keypoint 2: 264

-- Good Match 27Keypoint 1: 436-- Keypoint 2: 67  
-- Good Match 28Keypoint 1: 489-- Keypoint 2: 2286  
-- Good Match 29Keypoint 1: 568-- Keypoint 2: 1167  
-- Good Match 30Keypoint 1: 592-- Keypoint 2: 1776  
-- Good Match 31Keypoint 1: 607-- Keypoint 2: 2166  
-- Good Match 32Keypoint 1: 666-- Keypoint 2: 1457  
-- Good Match 33Keypoint 1: 669-- Keypoint 2: 447  
-- Good Match 34Keypoint 1: 739-- Keypoint 2: 1137  
-- Good Match 35Keypoint 1: 745-- Keypoint 2: 401  
-- Good Match 36Keypoint 1: 754-- Keypoint 2: 1439  
-- Good Match 37Keypoint 1: 759-- Keypoint 2: 1339  
-- Good Match 38Keypoint 1: 778-- Keypoint 2: 1677  
-- Good Match 39Keypoint 1: 828-- Keypoint 2: 2185  
-- Good Match 40Keypoint 1: 832-- Keypoint 2: 823  
-- Good Match 41Keypoint 1: 835-- Keypoint 2: 928  
-- Good Match 42Keypoint 1: 870-- Keypoint 2: 1142  
-- Good Match 43Keypoint 1: 871-- Keypoint 2: 738  
-- Good Match 44Keypoint 1: 885-- Keypoint 2: 202  
-- Good Match 45Keypoint 1: 894-- Keypoint 2: 722  
-- Good Match 46Keypoint 1: 901-- Keypoint 2: 776  
-- Good Match 47Keypoint 1: 923-- Keypoint 2: 839  
-- Good Match 48Keypoint 1: 936-- Keypoint 2: 1298  
-- Good Match 49Keypoint 1: 960-- Keypoint 2: 1483  
-- Good Match 50Keypoint 1: 973-- Keypoint 2: 1036  
-- Good Match 51Keypoint 1: 975-- Keypoint 2: 843  
-- Good Match 52Keypoint 1: 995-- Keypoint 2: 1794  
-- Good Match 53Keypoint 1: 1006-- Keypoint 2: 1503  
-- Good Match 54Keypoint 1: 1030-- Keypoint 2: 1337  
-- Good Match 55Keypoint 1: 1039-- Keypoint 2: 2337

-- Good Match 56Keypoint 1: 1076-- Keypoint 2: 809  
-- Good Match 57Keypoint 1: 1104-- Keypoint 2: 447  
-- Good Match 58Keypoint 1: 1112-- Keypoint 2: 1212  
-- Good Match 59Keypoint 1: 1140-- Keypoint 2: 108  
-- Good Match 60Keypoint 1: 1158-- Keypoint 2: 760  
-- Good Match 61Keypoint 1: 1179-- Keypoint 2: 872  
-- Good Match 62Keypoint 1: 1180-- Keypoint 2: 1411  
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-- Good Match 66Keypoint 1: 1224-- Keypoint 2: 892  
-- Good Match 67Keypoint 1: 1238-- Keypoint 2: 1042  
-- Good Match 68Keypoint 1: 1255-- Keypoint 2: 1467  
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-- Good Match 70Keypoint 1: 1260-- Keypoint 2: 1652  
-- Good Match 71Keypoint 1: 1267-- Keypoint 2: 1691  
-- Good Match 72Keypoint 1: 1272-- Keypoint 2: 729  
-- Good Match 73Keypoint 1: 1282-- Keypoint 2: 1383  
-- Good Match 74Keypoint 1: 1290-- Keypoint 2: 1347  
-- Good Match 75Keypoint 1: 1308-- Keypoint 2: 2287  
-- Good Match 76Keypoint 1: 1309-- Keypoint 2: 405  
-- Good Match 77Keypoint 1: 1316-- Keypoint 2: 1700  
-- Good Match 78Keypoint 1: 1344-- Keypoint 2: 1454  
-- Good Match 79Keypoint 1: 1350-- Keypoint 2: 1519  
-- Good Match 80Keypoint 1: 1374-- Keypoint 2: 1745  
-- Good Match 81Keypoint 1: 1379-- Keypoint 2: 1393  
-- Good Match 82Keypoint 1: 1405-- Keypoint 2: 1677  
-- Good Match 83Keypoint 1: 1421-- Keypoint 2: 1692  
-- Good Match 84Keypoint 1: 1422-- Keypoint 2: 776

-- Good Match 85Keypoint 1: 1426-- Keypoint 2: 1650  
-- Good Match 86Keypoint 1: 1435-- Keypoint 2: 1815  
-- Good Match 87Keypoint 1: 1446-- Keypoint 2: 1984  
-- Good Match 88Keypoint 1: 1468-- Keypoint 2: 1447  
-- Good Match 89Keypoint 1: 1500-- Keypoint 2: 1461  
-- Good Match 90Keypoint 1: 1510-- Keypoint 2: 1637  
-- Good Match 91Keypoint 1: 1517-- Keypoint 2: 1521  
-- Good Match 92Keypoint 1: 1522-- Keypoint 2: 1845  
-- Good Match 93Keypoint 1: 1525-- Keypoint 2: 1528  
-- Good Match 94Keypoint 1: 1535-- Keypoint 2: 173  
-- Good Match 95Keypoint 1: 1552-- Keypoint 2: 1779  
-- Good Match 96Keypoint 1: 1564-- Keypoint 2: 2400  
-- Good Match 97Keypoint 1: 1571-- Keypoint 2: 1393  
-- Good Match 98Keypoint 1: 1575-- Keypoint 2: 1536  
-- Good Match 99Keypoint 1: 1614-- Keypoint 2: 2077  
-- Good Match 100Keypoint 1: 1628-- Keypoint 2: 1385  
-- Good Match 101Keypoint 1: 1632-- Keypoint 2: 1708  
-- Good Match 102Keypoint 1: 1705-- Keypoint 2: 1673  
-- Good Match 103Keypoint 1: 1714-- Keypoint 2: 2116  
-- Good Match 104Keypoint 1: 1721-- Keypoint 2: 1380  
-- Good Match 105Keypoint 1: 1727-- Keypoint 2: 1977  
-- Good Match 106Keypoint 1: 1755-- Keypoint 2: 910  
-- Good Match 107Keypoint 1: 1774-- Keypoint 2: 1784  
-- Good Match 108Keypoint 1: 1798-- Keypoint 2: 1991  
-- Good Match 109Keypoint 1: 1811-- Keypoint 2: 2119  
-- Good Match 110Keypoint 1: 1815-- Keypoint 2: 2091  
-- Good Match 111Keypoint 1: 1843-- Keypoint 2: 2032  
-- Good Match 112Keypoint 1: 1847-- Keypoint 2: 2107  
-- Good Match 113Keypoint 1: 1937-- Keypoint 2: 1361

-- Good Match 114Keypoint 1: 1938-- Keypoint 2: 2075  
-- Good Match 115Keypoint 1: 1943-- Keypoint 2: 1892  
-- Good Match 116Keypoint 1: 1959-- Keypoint 2: 2227  
-- Good Match 117Keypoint 1: 1986-- Keypoint 2: 2013  
-- Good Match 118Keypoint 1: 1998-- Keypoint 2: 2240  
-- Good Match 119Keypoint 1: 2020-- Keypoint 2: 2078  
-- Good Match 120Keypoint 1: 2045-- Keypoint 2: 2112  
-- Good Match 121Keypoint 1: 2077-- Keypoint 2: 2268  
-- Good Match 122Keypoint 1: 2093-- Keypoint 2: 1957  
-- Good Match 123Keypoint 1: 2099-- Keypoint 2: 1734  
-- Good Match 124Keypoint 1: 2135-- Keypoint 2: 1052  
-- Good Match 125Keypoint 1: 2148-- Keypoint 2: 2391  
-- Good Match 126Keypoint 1: 2192-- Keypoint 2: 2215  
-- Good Match 127Keypoint 1: 2206-- Keypoint 2: 2321  
-- Good Match 128Keypoint 1: 2212-- Keypoint 2: 2270  
-- Good Match 129Keypoint 1: 2229-- Keypoint 2: 909  
-- Good Match 130Keypoint 1: 2246-- Keypoint 2: 2326  
-- Good Match 131Keypoint 1: 2287-- Keypoint 2: 2432  
-- Good Match 132Keypoint 1: 2312-- Keypoint 2: 2468  
-- Good Match 133Keypoint 1: 2327-- Keypoint 2: 2478  
-- Good Match 134Keypoint 1: 2328-- Keypoint 2: 2432  
-- Good Match 135Keypoint 1: 2329-- Keypoint 2: 1217  
-- Good Match 136Keypoint 1: 2339-- Keypoint 2: 2478  
-- Good Match 137Keypoint 1: 2374-- Keypoint 2: 2331  
-- Good Match 138Keypoint 1: 2387-- Keypoint 2: 2449  
-- Good Match 139Keypoint 1: 2396-- Keypoint 2: 2480  
-- Good Match 140Keypoint 1: 2405-- Keypoint 2: 204  
-- Good Match 141Keypoint 1: 2439-- Keypoint 2: 2472  
-- Good Match 142Keypoint 1: 2472-- Keypoint 2: 2454

-- Good Match 143Keypoint 1: 2497-- Keypoint 2: 1432End of image matching with anchor:  
C:/Users/Lukas/source/repos/laptopStitch/laptopStitch/pics/WLH/toBeStitched\20191119\_151855.jpg