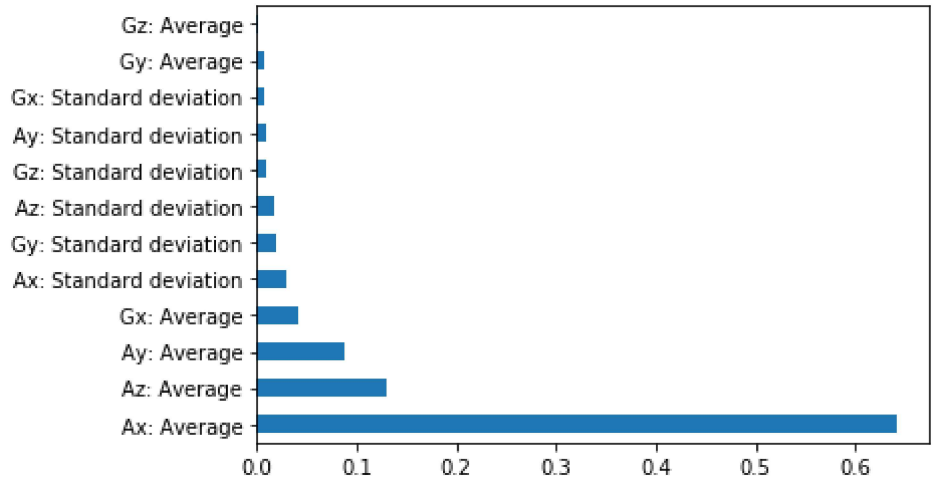
In [5]:

```
import pandas as pd
import numpy as np
data = pd.read_csv('test_tree.csv', index_col=0)
X = data.iloc[:,0:12]  #independent columns
y = data.iloc[:,-1]    #target column i.e price range

from sklearn.ensemble import ExtraTreesClassifier
import matplotlib.pyplot as plt

model = ExtraTreesClassifier()
model.fit(X,y)
print(model.feature_importances_) #use inbuilt class feature_importances of tree based classifiers

#plot graph of feature importances for better visualization
feat_importances = pd.Series(model.feature_importances_, index=X.columns)
feat_importances.nlargest(15).plot(kind='barh')
plt.show()
```

```
D:\Programs\Anaconda3\lib\site-packages\sklearn\ensemble\forest.py:245: FutureWarning:
The default value of n_estimators will change from 10 in version 0.20 to 100 in 0.22.
  "10 in version 0.20 to 100 in 0.22.", FutureWarning)

[4.05747612e-02 6.34630465e-03 5.44344496e-04 6.42486936e-01
 8.79918076e-02 1.30395674e-01 6.58322563e-03 1.94014426e-02
 9.46418695e-03 2.97553168e-02 8.55024103e-03 1.79057590e-02]
```



In [ ]: