

Eigen::VectorXd



```
graph BT; StateVector --> EigenVec[Eigen::VectorXd];
```

The diagram illustrates an inheritance relationship between two C++ classes. At the bottom is a box labeled 'StateVector' with a black border and a light gray fill. A solid blue arrow points vertically upwards from the top center of the 'StateVector' box to the bottom center of a box above it. The top box is labeled 'Eigen::VectorXd' and has a thin gray border and a white fill. This visualizes 'StateVector' as a subclass that inherits from 'Eigen::VectorXd'.

StateVector