***Adaptive Test Tech-Stack***

**Programming language: Python**

**API framework: Django**

**Database: Mongo DB**

**API testing tool: POSTMAN**

**Environment:**

1. **Virtual env**
2. **Python 3.6 / 3.7**

**Topics to choose from submodules:**

**Machine Reasoning:**

1. **Business rules for constraint application**
2. **Forward or backward chaining (wherever possible)**

**Reasoning Systems:**

1. **Genetic Algorithms**
2. **Clustering(k-means) for student analysis (if possible)**

**Cognitive Systems:**

**Yet to decide**