

## Y-19 CSE 2020-21 ODD SEM MOOCs

### **6. Technical Skilling**

For Guided Regular:

1. Coursera – Full-Stack Web Development with React – The Hong Kong University of Science and Technology – Specialization

This has 4 courses:

1. Front-End Web UI Frameworks and Tools: Bootstrap 4
2. Front-End Web Development with React
3. Multiplatform Mobile App Development with React Native
4. Server-side Development with NodeJS, Express and MongoDB

For Peer-Advanced:

1. Udacity – Front End Frameworks – Course
2. Coursera – Full-Stack Web Development with React – The Hong Kong University of Science and Technology – Specialization

This has 4 courses:

1. Front-End Web UI Frameworks and Tools: Bootstrap 4
2. Front-End Web Development with React
3. Multiplatform Mobile App Development with React Native
4. Server-side Development with NodeJS, Express and MongoDB

3. Coursera – Object Oriented Java Programming: Data Structures and Beyond – University of California San Diego

There are 5 courses in this:

1. Object Oriented Programming in Java
2. Data Structures and Performance
3. Advanced Data Structures in Java
4. Mastering the Software Engineering Interview
5. Capstone: Analyzing (Social) Network Data

4. Coursera – Implementing RPA with Cognitive Automation and Analytics – Automation Anywhere

This has 4 courses:

1. RPA Lifecycle: Introduction, Discovery, and Design
2. RPA Lifecycle: Development and Testing
3. RPA Lifecycle: Deployment and Maintenance
4. Cognitive Solutions and RPA Analytics

5. Coursera – Introduction to Java Programming: Java Fundamental Concepts – Guided Project
6. Coursera – Object-Oriented Programming with Java – Guided Project
7. Coursera – Intermediate Object-Oriented Programming with Java – Guided Project
8. Coursera – Building a Text-Based Bank in Java – Guided Project
9. Coursera - Create Your First Multithreaded Application in Java – Guided Project

10. Coursera – Build a Guessing Game Application Using Java – Guided Project
11. Coursera – Process Personal Details using Methods in Java – Guided Project
12. Coursera – Create a Record of Students using Arrays in Java – Guided Project