Additional Resources

Java programming resources

- **Introduction to Java**

http://mcgill.worldcat.org/title/introduction-to-java-programming/oclc/862095888&referer=brief_results

- **Java Multithreading**

http://tutorials.jenkov.com/java-concurrency/index.html

- **Java API**

https://docs.oracle.com/javase/7/docs/api/

Software design and architecture resources

- **Javadoc**

https://www.tutorialspoint.com/java/java_documentation.htm
http://help.eclipse.org/neon/index.jsp

- **UML diagrams**

UML
http://www.tutorialspoint.com/uml/
https://www.ibm.com/developerworks/rational/library/769.html

Drawing tools (flowcharts, UML)
www.draw.io
https://marketplace.eclipse.org/content/eclipse-uml-generators-incubation

Microsoft Visio or Word

- **Testing**

Unit testing
http://junit.org/junit4/
http://www.tutorialspoint.com/junit/

Test plans and documentation
https://www.tutorialspoint.com/software_testing/software_testing_documentation.htm
http://softwaretestingfundamentals.com/test-plan/

Collaborative documentation
https://www.overleaf.com/

Mechanical design
http://ldd.lego.com/en-us/

Project management
http://www.tutorialspoint.com/management_concepts/

- ## Gantt charts
http://www.gantt.com/creating-gantt-charts.htm
https://youtu.be/5rHCSa5ad34

- ## Programming collaboratively
https://github.com/

- ## Time management
https://www.toggl.com/app/timer

- ## Communication and organization tools
https://slack.com/