

University of Warwick

CS, CBS, DM, CSE and DS Project Registration Form 2018/2019

Student Name (please print) ..... SPATARU AYA .....

Student Id Number ..... 1606684 .....

Degree Course ..... COMPUTER SCIENCE .....

Please print and complete this form, ensuring that it is signed by your supervisor. It should then be scanned and submitted via Tabula by the submission deadline: 12.00 on Friday 1<sup>st</sup> June. Please note that the Tabula module to submit under is CS.General and the assignment name is Third Year Project Proposal.

Project Title: ..... Epigenome sequencing data analysis.....

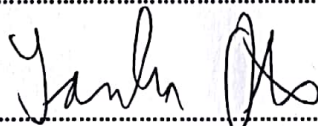
**Abstract:** Different cell types of a multicellular organism carry the same DNA, but yet fulfill very different function. In part this is possible because the DNA is chemically modified to affect its function, in particular as to which region of DNA is active or inactive. Epigenetic sequencing data sets provide insight into these chemical states. By analysing such data we can answer questions about differences between cell types, or differences between healthy and unhealthy cells, for example.

.....  
.....

Although not required, you may suggest appropriate Second Assessors in order of suitability:

- |   |                         |
|---|-------------------------|
| 1 <del>Yulia Timofeeva</del> Sara Kalvala ..... | 2 Yulia Timofeeva ..... |
| 3 Alex Tiskin .....                             | 4 .....                 |

Name of Supervisor..... Sascha Oty .....

Signature of Supervisor.....  .....

Date..... 2/5/18 .....

Signature of Student.....  .....

Date..... 02/05/2018 .....