

**Bio-inspired Computing in R**

**Deliverable 1: Final Year Dissertation**

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BSc (Hons) Computer Science

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**Declaration of own work**

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**Abstract**

R has become the first-choice language for data scientists. However, it is typically not the first choice for people developing and implementing bio-inspired algorithms. Consequently, it can be hard for data scientists to make use of bio-inspired methods. This project will look at the current availability of bio-inspired algorithms in R, identify holes in the provision, and develop a package to fill in one of these holes. It would be particularly well suited to someone who has an interest in software development who is studying both bio-inspired computing and data mining.

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**Chapter 1**

# **Introduction**

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