Project 1: Evolutionary Computing
Due Tuesday-September-15

For this project you will design and implement a software application that involves an evolutionary computing technique, such as genetic algorithms (GA), genetic programming (GP), or evolutionary strategies to a real world application. You will need to identify the application domain and data sources for your project. You can develop original code from scratch and/or adapt open source code as you deem necessary. Please refer to the course web site, located at: http://cs.armstrong.edu/saad/csci8100/index.html for pointers to online resources.

Your project deliverables should adhere to the following timeline:

- Thursday 8/27: Application and Data
- Tuesday 9/1: Basic EA Code
- Thursday 9/3: Progress Report: Software and Results
- Tuesday 9/8: Progress Report: Software and Results
- Thursday 9/10: Results: Tables/Graphs + References
- Tuesday 9/15: Source Code and Report

Total Grade: 100 points

Breakdown

- Final Report: 20%
- Software: 60%
- Weekly Progress: 20%