

Alexander James Edwards

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EDUCATION

University of Plymouth - BSc (Hons) Computer Science

PROJECTS

Evolutionary Algorithm Dashboard

- Created a web application to display different evolutionary algorithms.
- Utilising the Pymoo python library to access evolutionary and genetic algorithms and using Plotly to visualise the data.
- Then using the Flask framework to build the web application.
- Backend was created using Python along with the Pymoo libraries and the Plotly framework then used the Flask framework to build the web app.

DocuEdit

- Created a document editor web application that allowed users to create, write and edit documents.
- Along with this, I used Crypto.JS to encrypt the user's data such as login details and their documents.

School Grading System

- Created using C++ along with the Qt framework to create the UI for the program.
- Users were able to add, edit and delete student assigned modules and their grades.
- This was a University project that awarded me a 1:1 grade.

SKILLS

Languages:

Proficient: C/C++, Python, Javascript, SQL | Familiar: C#, Assembly, Bash, Java