

Hakim

NEA Survey Response

The student

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|--------------------------|--|
| Name | Hakim |
| School Email | ahmeh1398.209@student.foresthillschool.co.uk |
| Programming Level | 10 / 10 |

Student's project

| | |
|--|---|
| Description | My project will calculate moving averages(and use other factors that effect the stock market) of different currency pairs (basically forex trading) and make predictions/plot graphs of where the price will be in different times, such as 5 hours, 1 day, 1 week, etc (getting less accurate as the time goes on). There will also be options to use your broker api key to automate the process. |
| List of languages | Python, possibly html/css whatever django needs |
| List of technologies | Django |
| Experience using languages/technologies | python - at least one day html - used it in year 7 remember nothing css - AAAAAaaaa! Django - good movie unity - no blender - yeah in 2013 |
| Client | |
| Client's identity | My uncle |
| Client fictional? | No |

Student's Progress

| | |
|--------------------------|--|
| Current section | Analysis |
| List of completed | Analysis, Design, Technical Implementation, Test, Evaluation |

| | |
|---------------------------------|------------------|
| sections | |
| Current page count | 0 |
| Progress by section | |
| Analysis | Not started (0%) |
| Design | Not started (0%) |
| Technical Implementation | Not started (0%) |
| Testing | Not started (0%) |
| Evaluation | Not started (0%) |

Other

| | |
|--------------------------------|---|
| Implementation concerns | possibly creating and displaying graphs on the website, everything else i have a rough idea |
| Anything else? (Misc) | |

Louis' Comments

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| General Comments | <p>Hakim does not seem to have started, nor does he appear to have taken this survey entirely seriously. That said, I did find his Django Unchained amusing, mainly because Sam Monte spent months/years raving about that film.¹ I have not watched it.</p> <p>None of that, however, is relevant to his project. Unfortunately for Hakim, the combination of the scope of this project and the lack of <i>any</i> progress means his project is the one I'm most concerned about.</p> |
| Next steps | <p>Frankly, while I'm completely open to helping Hakim, I can't force him to complete his NEA. It is ultimately down to him what he does next.</p> <p>I presume someone has already had a word with him, if not, someone probably should.</p> |
| Complexity | If complete, this project is likely to reach the top complexity band. However, this seems very unlikely given that Hakim |

¹ I have just confirmed with Mr Monte that he still likes the film.

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| | does not appear to have started the project. |
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See the next page for detailed complexity band information.

| | | | Hakim |
|------------------------|-----------------|---|------------|
| BOTTOM MARK BAND | Algorithms | Simple mathematical calculations | Must Have |
| | | Linear search | Not Sure |
| | Databases | Non-SQL table access | Not Sure |
| | | Simple data structures | Not Sure |
| MIDDLE MARK BAND | Algorithms | Simple scientific/mathematical /robotics/control/business model | Must Have |
| | | Bubble Sort | Not Used |
| | | Binary search | Not Sure |
| | | Simple user defined algorithms | Must Have |
| | Databases | Single table database | Not Sure |
| | | Simple data model in database | Not Sure |
| | | Writing and reading from files | Must Have |
| | File Access | Text files | Could Have |
| | | File(s) organised for sequential access | Must Have |
| | Web Stuff | Calling Web service APIs | Must Have |
| | | Simple client-server model | Not Sure |
| | Data Structures | Multi-dimensional arrays | Not Sure |
| | | Dictionaries | Could Have |
| | | Records | Could Have |
| | | Simple OOP model | Must Have |
| TOP MARK BAND | Algorithms | Complex scientific/mathematical/robotics/control/business model | Must Have |
| | | Hashing | Could Have |
| | | Merge sort | Not Sure |
| | | Advanced matrix operations | Not Used |
| | | Recursive algorithms | Not Sure |
| | | Graph/Tree Traversal | Not Used |
| | | Complex user defined algorithms | Must Have |
| | Databases | Complex data model in database | Not Sure |
| | File Access | Files(s) organised for direct access | Must Have |
| | Web Stuff | Server-side scripting using request and response objects | Not Sure |
| | | Complex client-server model | Not Sure |
| | Data Structures | Hash tables | Could Have |
| | | Lists | Could Have |
| | | Stacks | Could Have |
| | | Queues | Could Have |
| | | Graphs | Could Have |
| | | Trees | Could Have |
| | | Complex OOP model | Must Have |
| | | Linked lists | Could Have |