**Proposal**

The Royal Family

Computer Science With Artificial Intelligence

Our System

For our system we intend to create a program which can identify vehicles and hazards on the road. We intend to make this functional for: Images, videos and real time video.

Team members

* Jay Dean
* Kenneth Graham Lowes
* Mark James Tilbrook
* Owen Lane
* Pablo Hervada Presedo

Main missions

* Project Ideation (Mark)
* Solution Design (Pablo)
* Baseline Implementation (Mark)
* Iterative Development (Group task/Everyone)
* Solution Review (Kenneth)
* Project Management (Jay)

Side missions

* Additional Data (Jay)
* Mathematical Review (Pablo)
* Solution Review (Kenneth)
* Application Programming Interface (Owen)
* Graphical User Interface (Owen)

Skills Audits

Jay Dean:

# Part 1 Key Skills

| SKILLS AREA | I CAN DO THIS WELL | OK, BUT I NEED MORE PRACTICE | I CAN’T DO THIS | PRIORITY DEVELOPMENT OF THIS SKILL 1 = very important,  2 = quite important,  3 = not important |
| --- | --- | --- | --- | --- |
| ORGANIZATION OF LEARNING |  |  |  |  |
| I have strategies to help me to plan and manage my time | \* |  |  | 2 |
| I am able to effectively prioritise my tasks and activities |  | \* |  | 1 |
| I am able to work to deadlines | \* |  |  | 2 |
| I am aware of what makes my learning more effective (e.g. place to study, time to study etc) | \* |  |  | 2 |

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| --- | --- | --- | --- | --- |
| INFORMATION SEEKING SKILLS |  |  |  |  |
| I am able to find a specific book or journal in the library using the on-line catalogue |  |  | \* | 1 |
| I am able to use a variety of different sources to find information  (e.g. journals. books, electronic resources) |  | \* |  | 1 |
| I am able to access and search electronic resources (on-line databases, electronic journals CD-ROMs) |  |  | \* | 1 |
| I am able to use search gateways on the Internet to find information | \* |  |  | 2 |
| I am able to evaluate the information I find |  | \* |  | 1 |
| **READING AND NOTEMAKING** |  |  |  |  |
| I can decide which parts of a book I need to read |  | **\*** |  | **1** |
| I have a system for recording where I find information (e.g. book, author, date) | **\*** |  |  | **2** |
| I can select and use different reading strategies (e.g. skim, scan, in-depth) | **\*** |  |  | **2** |
| I can make effective notes when reading |  | **\*** |  | **1** |
| I can make effective notes when listening (e.g. during lectures) |  | **\*** |  | **2** |
| I have a system for recording and storing my notes | **\*** |  |  | **2** |

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| --- | --- | --- | --- | --- |
| WRITING SKILLS |  |  |  |  |
| I can analyse assignment (essay, report etc) questions to determine what is expected | **\*** |  |  | **2** |
| I understand the difference between an essay and report |  | **\*** |  | **2** |
| I can produce a written plan to answer an assignment question | **\*** |  |  | **2** |
| I can punctuate, use grammar and spelling correctly |  | **\*** |  | **1** |
| I am confident I can express my ideas clearly in written form | **\*** |  |  | **2** |
| I am able to adapt my writing styles to suit the appropriate media/audience |  | **\*** |  | **2** |
| I understand the need to reference my work to avoid plagiarism | **\*** |  |  | **3** |

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| --- | --- | --- | --- | --- |
| SPOKEN COMMUNICATION |  |  |  |  |
| I am able to express my views verbally | **\*** |  |  | **3** |
| I am confident speaking in front of a group of people |  | **\*** |  | **1** |
| I can prepare, plan and deliver a presentation |  | **\*** |  | **2** |
| I can use visual aids to support a presentation | **\*** |  |  | **2** |
| I am able to listen to and appreciate the views of others | **\*** |  |  | **2** |

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| --- | --- | --- | --- | --- |
| WORKING WITH NUMBERS |  |  |  |  |
| I am competent in making simple calculations |  | **\*** |  | **2** |
| I can present numerical information accurately | **\*** |  |  | **1** |
| I can competently use a variety of numerical techniques (e.g. percentages, fractions, decimals) | **\*** |  |  | **2** |
| I can interpret and present information in graphs and illustrations | **\*** |  |  | **2** |

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| WORKING WITH OTHERS |  |  |  |  |
| I am good at working with other people | \* |  |  | 2 |
| I am able to lead or organize a group | **\*** |  |  | **2** |
| I know how to plan and manage meetings | **\*** |  |  | **2** |
| I am good at co-ordinating a group such as storing and sharing files and documents | **\*** |  |  | **2** |
| I am good at supporting other people | **\*** |  |  | **2** |
| I am able to get the best out of others |  | **\*** |  | **2** |
| I can motivate others |  | **\*** |  | **2** |
| I am able to manage conflict or disagreement | **\*** |  |  | **2** |
| People look at me as a leader |  | **\*** |  | **2** |

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| --- | --- | --- | --- | --- |
| STRESS MANAGEMENT |  |  |  |  |
| I know what causes stress | **\*** |  |  | **2** |
| I am aware of my personal symptoms of stress | **\*** |  |  | **2** |
| I can use strategies to help me cope with my stress or other people’s stress | **\*** |  |  | **2** |

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| --- | --- | --- | --- | --- |
| PERSONAL DEVELOPMENT PLANNING |  |  |  |  |
| I am able to identify my personal goals | \* |  |  | 2 |
| I am a good judge of what my strengths and areas for development are |  | \* |  | 2 |
| I am able to identify opportunities for learning outside my course, e.g. clubs, societies, employment | \* |  |  | 2 |
| I am able to plan for my personal development |  | \* |  |  |

**Part 2 Technical Skills directly relevant to your course.**

Decide on a list of skills you might need for this module as a group then complete the audit individually.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SKILLS AREA | I CAN DO THIS WELL | OK, BUT I NEED MORE PRACTICE | I CAN’T DO THIS | PRIORITY DEVELOPMENT OF THIS SKILL 1 = very important,  2 = quite important,  3 = not important |
| Version Control |  | \* |  | 1 |
| Research |  | **\*** |  | **1** |
| Python |  | **\*** |  | **1** |
| Evaluating Data sources |  | **\*** |  | **1** |
| Testing |  | **\*** |  | **1** |
| Java | **\*** |  |  | **1** |
| Object Classification |  | **\*** |  | **1** |
| Logistic Regression |  | **\*** |  | **1** |
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Kenneth Graham Lowes:

# Part 1 Key Skills

| SKILLS AREA | I CAN DO THIS WELL | OK, BUT I NEED MORE PRACTICE | I CAN’T DO THIS | PRIORITY DEVELOPMENT OF THIS SKILL 1 = very important,  2 = quite important,  3 = not important |
| --- | --- | --- | --- | --- |
| ORGANIZATION OF LEARNING |  |  |  |  |
| I have strategies to help me to plan and manage my time |  | **X** |  | 2 |
| I am able to effectively prioritise my tasks and activities |  | **X** |  | 2 |
| I am able to work to deadlines |  | **X** |  | 2 |
| I am aware of what makes my learning more effective (e.g. place to study, time to study etc) |  | **X** |  | 2 |

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| --- | --- | --- | --- | --- |
| INFORMATION SEEKING SKILLS |  |  |  |  |
| I am able to find a specific book or journal in the library using the on-line catalogue |  | **X** |  | 3 |
| I am able to use a variety of different sources to find information  (e.g. journals. books, electronic resources) |  | **X** |  | 3 |
| I am able to access and search electronic resources (on-line databases, electronic journals CD-ROMs) | **X** |  |  | 3 |
| I am able to use search gateways on the Internet to find information | **X** |  |  | 3 |
| I am able to evaluate the information I find |  | **X** |  | 2 |
| **READING AND NOTEMAKING** |  |  |  |  |
| I can decide which parts of a book I need to read | **X** |  |  | 3 |
| I have a system for recording where I find information (e.g. book, author, date) | **X** |  |  | 3 |
| I can select and use different reading strategies (e.g. skim, scan, in-depth) |  | **X** |  | 3 |
| I can make effective notes when reading | **X** |  |  | 3 |
| I can make effective notes when listening (e.g. during lectures) |  | **X** |  | 2 |
| I have a system for recording and storing my notes | **X** |  |  | 3 |

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| WRITING SKILLS |  |  |  |  |
| I can analyse assignment (essay, report etc) questions to determine what is expected | **X** |  |  | 2 |
| I understand the difference between an essay and report |  | **X** |  | 2 |
| I can produce a written plan to answer an assignment question | **X** |  |  | 3 |
| I can punctuate, use grammar and spelling correctly | **X** |  |  | 3 |
| I am confident I can express my ideas clearly in written form |  | **X** |  | 2 |
| I am able to adapt my writing styles to suit the appropriate media/audience |  | **X** |  | 2 |
| I understand the need to reference my work to avoid plagiarism | **X** |  |  | 3 |

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| --- | --- | --- | --- | --- |
| SPOKEN COMMUNICATION |  |  |  |  |
| I am able to express my views verbally |  | **X** |  | 2 |
| I am confident speaking in front of a group of people |  |  | **X** | 1 |
| I can prepare, plan and deliver a presentation |  | **X** |  | 2 |
| I can use visual aids to support a presentation |  | **X** |  | 2 |
| I am able to listen to and appreciate the views of others | **X** |  |  | 3 |

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| --- | --- | --- | --- | --- |
| WORKING WITH NUMBERS |  |  |  |  |
| I am competent in making simple calculations | **X** |  |  | 3 |
| I can present numerical information accurately | **X** |  |  | 3 |
| I can competently use a variety of numerical techniques (e.g. percentages, fractions, decimals) | **X** |  |  | 3 |
| I can interpret and present information in graphs and illustrations | **X** |  |  | 3 |

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| WORKING WITH OTHERS |  |  |  |  |
| I am good at working with other people | **X** |  |  | 3 |
| I am able to lead or organize a group |  | **X** |  | 3 |
| I know how to plan and manage meetings | **X** |  |  | 3 |
| I am good at co-ordinating a group such as storing and sharing files and documents | **X** |  |  | 3 |
| I am good at supporting other people | **X** |  |  | 3 |
| I am able to get the best out of others |  | **X** |  | 2 |
| I can motivate others |  | **X** |  | 2 |
| I am able to manage conflict or disagreement | **X** |  |  | 3 |
| People look at me as a leader |  |  | **X** | 2 |

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| --- | --- | --- | --- | --- |
| STRESS MANAGEMENT |  |  |  |  |
| I know what causes stress | **X** |  |  | 3 |
| I am aware of my personal symptoms of stress | **X** |  |  | 3 |
| I can use strategies to help me cope with my stress or other people’s stress |  | **X** |  | 2 |

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| --- | --- | --- | --- | --- |
| PERSONAL DEVELOPMENT PLANNING |  |  |  |  |
| I am able to identify my personal goals |  | **X** |  | 2 |
| I am a good judge of what my strengths and areas for development are |  | **X** |  | 2 |
| I am able to identify opportunities for learning outside my course, e.g. clubs, societies, employment |  | **X** |  | 2 |
| I am able to plan for my personal development |  | **X** |  | 2 |

**Part 2 Technical Skills directly relevant to your course.**

Decide on a list of skills you might need for this module as a group then complete the audit individually.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SKILLS AREA | I CAN DO THIS WELL | OK, BUT I NEED MORE PRACTICE | I CAN’T DO THIS | PRIORITY DEVELOPMENT OF THIS SKILL 1 = very important,  2 = quite important,  3 = not important |
| Version Control |  | **X** |  | 2 |
| Research | **X** |  |  | 3 |
| Python |  | **X** |  | 2 |
| Evaluating Datasets/Sources | **X** |  |  | 3 |
| Testing | **X** |  |  | 3 |
| Java |  | **X** |  | 2 |
| Logistic Regression |  | **X** |  | 3 |
| Object Classification |  | **X** |  | 1 |
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Mark James Tilbrook:

# Part 1 Key Skills

| SKILLS AREA | I CAN DO THIS WELL | OK, BUT I NEED MORE PRACTICE | I CAN’T DO THIS | PRIORITY DEVELOPMENT OF THIS SKILL 1 = very important,  2 = quite important,  3 = not important |
| --- | --- | --- | --- | --- |
| ORGANIZATION OF LEARNING |  |  |  |  |
| I have strategies to help me to plan and manage my time | x |  |  | 1 |
| I am able to effectively prioritise my tasks and activities | x |  |  | 1 |
| I am able to work to deadlines | x |  |  | 1 |
| I am aware of what makes my learning more effective (e.g. place to study, time to study etc) | x |  |  | 1 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| INFORMATION SEEKING SKILLS |  |  |  |  |
| I am able to find a specific book or journal in the library using the on-line catalogue |  | x |  | 2 |
| I am able to use a variety of different sources to find information  (e.g. journals. books, electronic resources) | x |  |  | 1 |
| I am able to access and search electronic resources (on-line databases, electronic journals CD-ROMs) |  | x |  | 2 |
| I am able to use search gateways on the Internet to find information | x |  |  | 1 |
| I am able to evaluate the information I find |  | x |  | 1 |
| **READING AND NOTEMAKING** |  |  |  |  |
| I can decide which parts of a book I need to read | **x** |  |  | **1** |
| I have a system for recording where I find information (e.g. book, author, date) | **x** |  |  | **1** |
| I can select and use different reading strategies (e.g. skim, scan, in-depth) |  | **x** |  | **3** |
| I can make effective notes when reading |  | **x** |  | **2** |
| I can make effective notes when listening (e.g. during lectures) |  | **x** |  | **2** |
| I have a system for recording and storing my notes | **x** |  |  | **1** |

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| --- | --- | --- | --- | --- |
| WRITING SKILLS |  |  |  |  |
| I can analyse assignment (essay, report etc) questions to determine what is expected | **x** |  |  | **1** |
| I understand the difference between an essay and report |  | **x** |  | **2** |
| I can produce a written plan to answer an assignment question |  | **x** |  | **2** |
| I can punctuate, use grammar and spelling correctly | **x** |  |  | **1** |
| I am confident I can express my ideas clearly in written form |  | **x** |  | **2** |
| I am able to adapt my writing styles to suit the appropriate media/audience | **x** |  |  | **2** |
| I understand the need to reference my work to avoid plagiarism | **x** |  |  | **1** |

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| SPOKEN COMMUNICATION |  |  |  |  |
| I am able to express my views verbally | **x** |  |  | **1** |
| I am confident speaking in front of a group of people |  | **x** |  | **2** |
| I can prepare, plan and deliver a presentation |  | **x** |  | **2** |
| I can use visual aids to support a presentation |  | **x** |  | **2** |
| I am able to listen to and appreciate the views of others |  | **x** |  | **2** |

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| --- | --- | --- | --- | --- |
| WORKING WITH NUMBERS |  |  |  |  |
| I am competent in making simple calculations | **x** |  |  | **1** |
| I can present numerical information accurately | **x** |  |  | **1** |
| I can competently use a variety of numerical techniques (e.g. percentages, fractions, decimals) | **x** |  |  | **1** |
| I can interpret and present information in graphs and illustrations | **x** |  |  | **1** |

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| WORKING WITH OTHERS |  |  |  |  |
| I am good at working with other people | x |  |  | 1 |
| I am able to lead or organize a group | **x** |  |  | **1** |
| I know how to plan and manage meetings | **x** |  |  | **2** |
| I am good at co-ordinating a group such as storing and sharing files and documents | **x** |  |  | **2** |
| I am good at supporting other people | **x** |  |  | **2** |
| I am able to get the best out of others | **x** |  |  | **2** |
| I can motivate others | **x** |  |  | **2** |
| I am able to manage conflict or disagreement | **x** |  |  | **2** |
| People look at me as a leader |  | **x** |  | **2** |

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| STRESS MANAGEMENT |  |  |  |  |
| I know what causes stress |  | **x** |  | **2** |
| I am aware of my personal symptoms of stress |  | **x** |  | **2** |
| I can use strategies to help me cope with my stress or other people’s stress | **x** |  |  | **1** |

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| --- | --- | --- | --- | --- |
| PERSONAL DEVELOPMENT PLANNING |  |  |  |  |
| I am able to identify my personal goals | x |  |  | 1 |
| I am a good judge of what my strengths and areas for development are | x |  |  | 1 |
| I am able to identify opportunities for learning outside my course, e.g. clubs, societies, employment | x |  |  | 1 |
| I am able to plan for my personal development | x |  |  | 1 |

**Part 2 Technical Skills directly relevant to your course.**

Decide on a list of skills you might need for this module as a group then complete the audit individually.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SKILLS AREA | I CAN DO THIS WELL | OK, BUT I NEED MORE PRACTICE | I CAN’T DO THIS | PRIORITY DEVELOPMENT OF THIS SKILL 1 = very important,  2 = quite important,  3 = not important |
| Version Control |  | x |  | 1 |
| Research |  | x |  | 1 |
| Python | x |  |  | 1 |
| Evaluating Datasets/Sources |  | x |  | 1 |
| Testing |  |  |  | 2 |
| Java | x |  |  | 2 |
| Logistic Regression |  | x |  | 1 |
| Object Classification |  |  |  |  |
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Owen Lane:

# Part 1 Key Skills

| SKILLS AREA | I CAN DO THIS WELL | OK, BUT I NEED MORE PRACTICE | I CAN’T DO THIS | PRIORITY DEVELOPMENT OF THIS SKILL 1 = very important,  2 = quite important,  3 = not important |
| --- | --- | --- | --- | --- |
| ORGANIZATION OF LEARNING |  |  |  |  |
| I have strategies to help me to plan and manage my time |  | x |  | 1 |
| I am able to effectively prioritise my tasks and activities | x |  |  | 1 |
| I am able to work to deadlines | x |  |  | 1 |
| I am aware of what makes my learning more effective (e.g. place to study, time to study etc) | x |  |  | 1 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| INFORMATION SEEKING SKILLS |  |  |  |  |
| I am able to find a specific book or journal in the library using the on-line catalogue | x |  |  | 2 |
| I am able to use a variety of different sources to find information  (e.g. journals. books, electronic resources) | x |  |  | 1 |
| I am able to access and search electronic resources (on-line databases, electronic journals CD-ROMs) | x |  |  | 2 |
| I am able to use search gateways on the Internet to find information | x |  |  | 1 |
| I am able to evaluate the information I find | x |  |  | 2 |
| **READING AND NOTEMAKING** |  |  |  |  |
| I can decide which parts of a book I need to read |  | **x** |  | **1** |
| I have a system for recording where I find information (e.g. book, author, date) | **x** |  |  | **1** |
| I can select and use different reading strategies (e.g. skim, scan, in-depth) | **x** |  |  | **2** |
| I can make effective notes when reading | **x** |  |  | **2** |
| I can make effective notes when listening (e.g. during lectures) |  | **x** |  | **2** |
| I have a system for recording and storing my notes | **x** |  |  | **3** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| WRITING SKILLS |  |  |  |  |
| I can analyse assignment (essay, report etc) questions to determine what is expected | **x** |  |  | **1** |
| I understand the difference between an essay and report |  | **x** |  | **2** |
| I can produce a written plan to answer an assignment question | **x** |  |  | **2** |
| I can punctuate, use grammar and spelling correctly | **x** |  |  | **1** |
| I am confident I can express my ideas clearly in written form | **x** |  |  | **2** |
| I am able to adapt my writing styles to suit the appropriate media/audience | **x** |  |  | **2** |
| I understand the need to reference my work to avoid plagiarism | **x** |  |  | **1** |

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| --- | --- | --- | --- | --- |
| SPOKEN COMMUNICATION |  |  |  |  |
| I am able to express my views verbally |  | **x** |  | **1** |
| I am confident speaking in front of a group of people |  | **x** |  | **1** |
| I can prepare, plan and deliver a presentation |  | **x** |  | **2** |
| I can use visual aids to support a presentation |  | **x** |  | **2** |
| I am able to listen to and appreciate the views of others |  | **x** |  | **1** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| WORKING WITH NUMBERS |  |  |  |  |
| I am competent in making simple calculations | **x** |  |  | **1** |
| I can present numerical information accurately | **x** |  |  | **1** |
| I can competently use a variety of numerical techniques (e.g. percentages, fractions, decimals) | **x** |  |  | **1** |
| I can interpret and present information in graphs and illustrations | **x** |  |  | **1** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| WORKING WITH OTHERS |  |  |  |  |
| I am good at working with other people | x |  |  | 1 |
| I am able to lead or organize a group |  | **x** |  | **1** |
| I know how to plan and manage meetings | **x** |  |  | **2** |
| I am good at co-ordinating a group such as storing and sharing files and documents | **x** |  |  | **2** |
| I am good at supporting other people | **x** |  |  | **2** |
| I am able to get the best out of others | **x** |  |  | **2** |
| I can motivate others | **x** |  |  | **2** |
| I am able to manage conflict or disagreement |  | **x** |  | **2** |
| People look at me as a leader |  |  | **x** | **2** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| STRESS MANAGEMENT |  |  |  |  |
| I know what causes stress | **x** |  |  | **2** |
| I am aware of my personal symptoms of stress | **x** |  |  | **2** |
| I can use strategies to help me cope with my stress or other people’s stress |  | **x** |  | **1** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| PERSONAL DEVELOPMENT PLANNING |  |  |  |  |
| I am able to identify my personal goals |  | x |  | 1 |
| I am a good judge of what my strengths and areas for development are | x |  |  | 1 |
| I am able to identify opportunities for learning outside my course, e.g. clubs, societies, employment |  | x |  | 2 |
| I am able to plan for my personal development | x |  |  | 1 |

**Part 2 Technical Skills directly relevant to your course.**

Decide on a list of skills you might need for this module as a group then complete the audit individually.

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| --- | --- | --- | --- | --- |
| SKILLS AREA | I CAN DO THIS WELL | OK, BUT I NEED MORE PRACTICE | I CAN’T DO THIS | PRIORITY DEVELOPMENT OF THIS SKILL 1 = very important,  2 = quite important,  3 = not important |
| Version Control |  | X |  | 2 |
| Research | **X** |  |  | 1 |
| Python |  | X |  | 1 |
| Evaluating Datasets/Sources | **x** |  |  | 1 |
| Testing |  | **X** |  | 2 |
| Java |  | **X** |  | 2 |
| Logistic Regression | **X** |  |  | 1 |
| Object Classification |  | **X** |  | **2** |
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Pablo Hervada Presedo:

# Part 1 Key Skills

| SKILLS AREA | I CAN DO THIS WELL | OK, BUT I NEED MORE PRACTICE | I CAN’T DO THIS | PRIORITY DEVELOPMENT OF THIS SKILL 1 = very important,  2 = quite important,  3 = not important |
| --- | --- | --- | --- | --- |
| ORGANIZATION OF LEARNING |  |  |  |  |
| I have strategies to help me to plan and manage my time |  | x |  | 1 |
| I am able to effectively prioritise my tasks and activities |  | x |  | 1 |
| I am able to work to deadlines |  | x |  | 1 |
| I am aware of what makes my learning more effective (e.g. place to study, time to study etc) | x |  |  | 2 |

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| INFORMATION SEEKING SKILLS |  |  |  |  |
| I am able to find a specific book or journal in the library using the on-line catalogue |  | x |  | 2 |
| I am able to use a variety of different sources to find information  (e.g. journals. books, electronic resources) | x |  |  | 1 |
| I am able to access and search electronic resources (on-line databases, electronic journals CD-ROMs) | x |  |  | 2 |
| I am able to use search gateways on the Internet to find information | x |  |  | 1 |
| I am able to evaluate the information I find | x |  |  | 1 |
| **READING AND NOTEMAKING** |  |  |  |  |
| I can decide which parts of a book I need to read |  | x |  | 2 |
| I have a system for recording where I find information (e.g. book, author, date) |  | x |  | 2 |
| I can select and use different reading strategies (e.g. skim, scan, in-depth) |  | x |  | 2 |
| I can make effective notes when reading | x |  |  | 2 |
| I can make effective notes when listening (e.g. during lectures) |  | x |  | 1 |
| I have a system for recording and storing my notes |  | x |  | 1 |

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| WRITING SKILLS |  |  |  |  |
| I can analyse assignment (essay, report etc) questions to determine what is expected | x |  |  | 1 |
| I understand the difference between an essay and report | x |  |  | 2 |
| I can produce a written plan to answer an assignment question | x |  |  | 2 |
| I can punctuate, use grammar and spelling correctly |  | x |  | 2 |
| I am confident I can express my ideas clearly in written form |  | x |  | 1 |
| I am able to adapt my writing styles to suit the appropriate media/audience | x |  |  | 2 |
| I understand the need to reference my work to avoid plagiarism |  | x |  | 1 |

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| SPOKEN COMMUNICATION |  |  |  |  |
| I am able to express my views verbally |  | x |  | 1 |
| I am confident speaking in front of a group of people |  | x |  | 2 |
| I can prepare, plan and deliver a presentation |  | x |  | 2 |
| I can use visual aids to support a presentation | x |  |  | 2 |
| I am able to listen to and appreciate the views of others | x |  |  | 1 |

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| WORKING WITH NUMBERS |  |  |  |  |
| I am competent in making simple calculations | x |  |  | 1 |
| I can present numerical information accurately | x |  |  | 1 |
| I can competently use a variety of numerical techniques (e.g. percentages, fractions, decimals) | x |  |  | 1 |
| I can interpret and present information in graphs and illustrations | x |  |  | 1 |

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| WORKING WITH OTHERS |  |  |  |  |
| I am good at working with other people |  | x |  | 1 |
| I am able to lead or organize a group |  | x |  | 2 |
| I know how to plan and manage meetings |  | x |  | 1 |
| I am good at co-ordinating a group such as storing and sharing files and documents |  |  | x | 2 |
| I am good at supporting other people |  | x |  | 2 |
| I am able to get the best out of others |  | x |  | 2 |
| I can motivate others |  | x |  | 2 |
| I am able to manage conflict or disagreement |  | x |  | 1 |
| People look at me as a leader |  | x |  | 2 |

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| STRESS MANAGEMENT |  |  |  |  |
| I know what causes stress |  | x |  | 2 |
| I am aware of my personal symptoms of stress | x |  |  | 1 |
| I can use strategies to help me cope with my stress or other people’s stress |  | x |  | 2 |

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| PERSONAL DEVELOPMENT PLANNING |  |  |  |  |
| I am able to identify my personal goals |  | x |  | 1 |
| I am a good judge of what my strengths and areas for development are |  | x |  | 1 |
| I am able to identify opportunities for learning outside my course, e.g. clubs, societies, employment |  | x |  | 1 |
| I am able to plan for my personal development |  | x |  | 1 |

**Part 2 Technical Skills directly relevant to your course.**

Decide on a list of skills you might need for this module as a group then complete the audit individually.

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| Research | x |  |  | 1 |
| Python |  | x |  | 1 |
| Evaluating Datasets/Sources | x |  |  | 1 |
| Testing | x |  |  | 1 |
| Java |  | x |  | 2 |
| Logistic Regression |  | x |  | 1 |
| Object Classification |  | x |  | **1** |
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