**Action Plan Template**

**Where do I want to be by the end of this period/year?**

By the end of this year, I want to further develop my technical understanding and practical skills. Some key technical areas I would like to develop are cloud engineering, the use of GitHub as an enterprise source code repository, ethical hacking and security architecture.

**What do I want to be doing? (Include as many learning needs as required to achieve agreed objectives)**

The following objectives demonstrate how I intend to achieve these goals and measure my success, ensuring I remain on track by conducting quarterly progress reviews.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| What do I want/need to learn?Provide a specific description of the desired changes (e.g. skills to gain, knowledge to acquire, topics/themes/content to cover) | What do I have to do to achieve this?Some examples, a new/ongoing course, conference, self-development (like wider research or reading), coaching/mentoring, job shadowing | What resources or support will I need?Some examples, teaching staff support, library support, student advisor support, line manager, etc. | How will I measure success?Some examples, appraisals, course assessments, team feedback, tutor feedback | Target dates for review and completionNote that these need to be realistic/achievable |
| Independent Scientific ResearchObjective 1: Gain experience of significant independent research in the cyber security field. | * Access to cyber security literature via the university. | Line manager support to allow time for final project work.  * Supervisor support during MSc final project. | * Successfully completion of MSc Cyber Security final project. | Target: November 2022Review: Quarterly |
| **Git commands & GitHub Branching**  Objective 2: Become proficient in using GitHub in an enterprise context. | * Access to personal and enterprise GitHub. * GitHub documentation and training courses at work. | Line manager support to make time for development.Support from more experienced colleagues, including shadowing on GitHub changes. | Successful implementation of changes via GitHub at work.  * Tutor feedback on ePortfolio assessments. | Target: December 2022Review: Quarterly |
| Data Science Tools Objective 3: Explore and gain proficiency in data science tooling, including R and Power BI. | * Corporate Pluralsight account. * Codecademy subscription. * Instructor-led training courses available at work for Power BI. | Line manager support to make time for development.  * Student support team and tutor support. | * Completion of introductory courses, for example [Learn R](https://www.codecademy.com/learn/learn-r).  Increased confidence in role.  * Line manager feedback. | Target: March 2023 Review: Quarterly |
| Ethical Hacking Objective 4: Increase understanding and confidence using ethical hacking techniques. | Immersive Labs access.Wider reading.  * Hack the Box (HTB) capture the flag events. | Time to practice.Support from more experienced colleagues during HTB practice.  * Ongoing mentoring with intrusion testing team senior manager. | Complete Immersive Labs courses.  * Progression through complexity levels on HTB. | This will be a continuous process due to the pace of change in the industry.Review: Quarterly |