Goals	Success Criteria	Actions	Resources	Support	Timing
Goal 1: Explore additional methods of project effort estimation	• Successful completion of work • Increased well-being and satisfaction with work	• Explore academic literature in the subject • Explore industry experience on the subject • Apply at least two techniques for final year dissertation project	• Online Courses: Coursera, Pluralsight, Microsoft Learn • Communities: LinkedIn groups, Tech groups	• Work peers • Work mentors • Work interest groups	In the next 3-6 months
Goal 2: Develop Python Security Best Practices further	• Successfully implement secure coding practices in at least 3 production projects • Achieve proficiency in using Python security tools and frameworks • Create a security testing framework for the development team	• Master input validation and sanitisation techniques using Python's built-in functions • Explore static code analysis tools like Bandit and PyLint further on developed code • Explore real-time security monitoring using data science techniques • Practice secure data encryption and backup procedures	• Books on software development with Python • Python security frameworks (PyCrypto, Cryptography, Authlib) • Built-in Python security modules (hashlib, SSL) • Static analysis and testing tools	• Online Python and software engineering communities (on *Stack Overflow*, *DEV.to*, *Medium.com*) • Work peers • Work mentors • Work interest groups	In the next 12 months
Goal 3: Assess Data Science applications to Software Security	• Experimental implementation of a predictive model for threat detection	• Develop models for anomaly detection in system logs • Create secure coding guidelines specific to data science workflows	• Machine learning algorithms for security analysis • Data analysis tools and frameworks	• Online datascience communities • Offline data science communities and meetups • Work peers • Work mentors	In the next 6 months