

Certificação CSFPC

CyBOK

Codify foundational and generally recognised knowledge in cyber security following broad community engagement nationally and internationally

a guide to the body of knowledge

focus is on established foundation of the subject (not on everything that has ever been written or on still-emerging, nascent, topics)

Principels

International effort

For the community by the community

Open and freely accessible

Transparency

For Education

inform learning pathways and course development from GCSE to Master's, professional training, and CPD

provide a foundation for program accreditation

For Industry

inform requirements for staff knowledge and development

provide a foundation for professional certification

CyBOK Phases

phase I (feb. 2017 - oct. 2017)

scoping

phase II (nov. 2017 - oct. 2019)

development of CyBOK and associated resources

phase III (nov. 2019 - mar. 2021)

usage in education and professional context evolution

CyBOK Use Cases

1) providing the basis for designing degrees and professional training courses

2) providing basis for new certification programmes

3) understanding and contrasting the focus of certification schemes and educational programmes

4) defining requirements for specific cyber security roles

5) mapping capacity at organisational or national level

Research Associate

Software Security

you will join a major programme of research focusing on security of software, specially focusing on vulnerability analysis and countermeasures pertaining to software in mobile and/or embedded systems

developing new types of vulnerability analyses approaches, attack modelling techniques, studying developer behaviours as well as limitations of existing software development processes and tools and how these shape the security of resultant software

knowledge of major programming languages and hands-on experience of developing substantial software systems

demonstrable tack record of developing at least ond medium size project

ability to prioritise own work in response to deadlines

ability to adhere to deadlines and achieve important milestones