Investigating the Experiences of Female CTF Players

Antonio Martorana[2], Emily Chang[1], Hanan Hibshi[2], Alejandro Cuevas[2]

[1]University of Virginia, [2]Carnegie Mellon University

Commonwealth Cyber Initiative
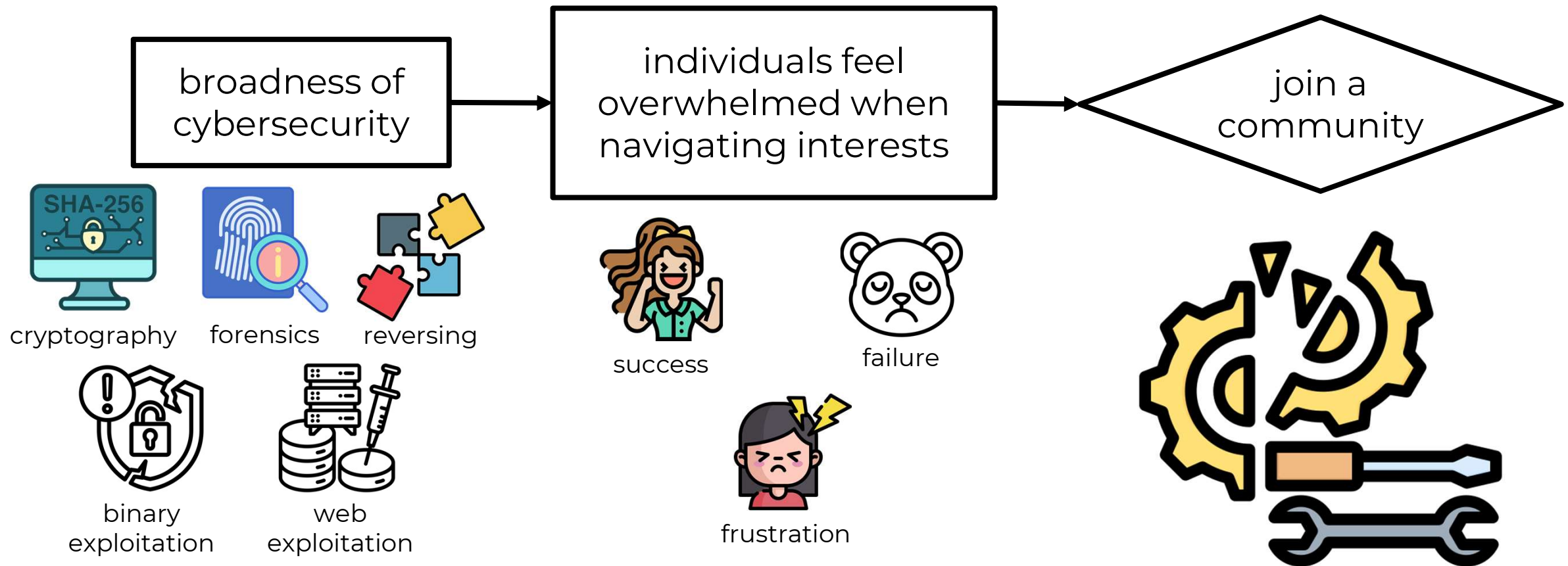
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Research Questions

1. What issues may contribute to low participation in CTFs?
2. What is the impact of collaboration in succeeding in CTFs?
3. What educational resources have helped build cyberrelated skills?

picoCTF 2017
a hacking competition hosted by Carnegie Mellon University

Community Dilemma

broadness of cybersecurity → individuals feel overwhelmed when navigating interests → join a community

cryptography

forensics

reversing

binary exploitation

web exploitation

success

failure

frustration

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