

Engaging and Active Forensics Education Pedagogical Practices

**Phase 3 Open Source CyBOK Practical Challenges and Learning
Resources**

Joseph Maguire. School of Computing Science, University of Glasgow.

www.josephmaguire.co.uk

Active and Engaging Forensics Education

Overview

Who am I?

Forensics
Education

Active and
Engaging
Education

Active Learning

Project

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Joseph Maguire

School of Computing Science, University of Glasgow

- **Elected Vice Chair** of ACM United Kingdom Special Interest Group in Computer Science Education (UKSIGCSE) chapter. More information: uki-sigcse.acm.org.
- **Co-chair** alongside Fiona McNeill (University of Edinburgh) for the Scottish Computing Education Committee (SCEC). More information: www.scec.org.uk.
- **Programme Chair** alongside Brett Becker (University College Dublin) for the United Kingdom and Ireland Computing Education Research (UKICER) 2022 conference. More information: www.ukicer.com.
- **Co-PI** for Innovation in Professional Learning for Software Engineering Education Project. Foundation for Pathfinder 1 and Pathfinder 2 programmes. Skills Development Scotland (SDS).

Who am I?

Joseph Maguire

School of Computing Science, University of Glasgow

- **Leader** of the Engaging and Active Security Education (EASE) workshop. Designed, developed and delivered courses in Enterprise Cyber Security, Forensics, Human Centred Security and Emerging Topics in Cyber Security.
- **Royal Society Partnership Grant** promoting science practice and evidence in School with focus on privacy and ethics when using data to answer questions.
- **Visiting researcher** at Centre of Advanced Security Research in the Technische Universitat Darmstadt and the Security, Privacy, Adaptation & Requirements Engineering group in Lero, the Science Foundation Ireland Research Centre for Software at the University of Limerick

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Passionate and enthusiastic about computing education and computing education research.

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Passionate and enthusiastic about computing education and computing education research.

Interested in challenges at the intersection of security, privacy and education.

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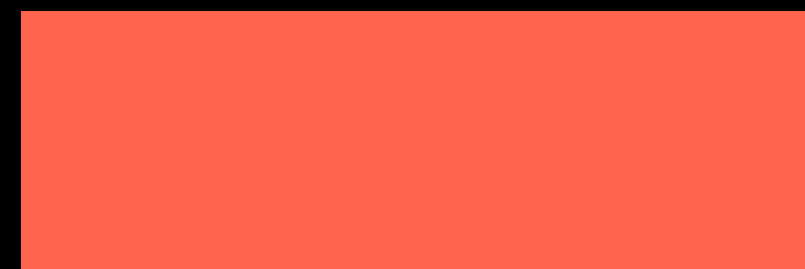
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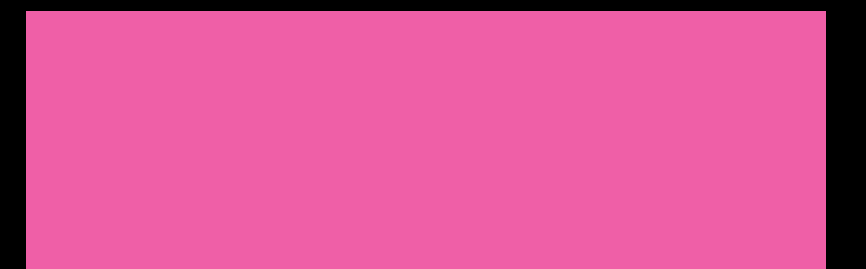
Challenges

Forensics Education



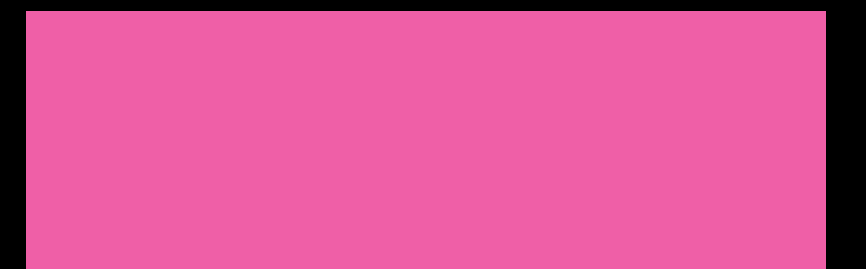
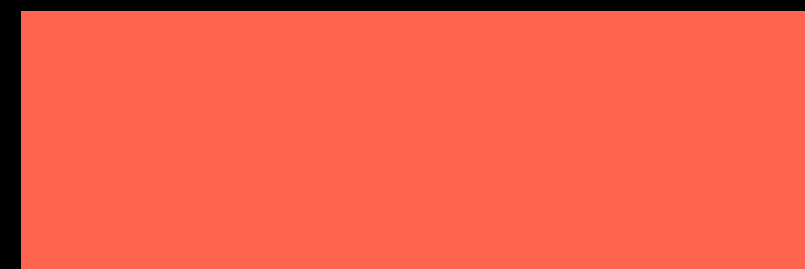
Challenges

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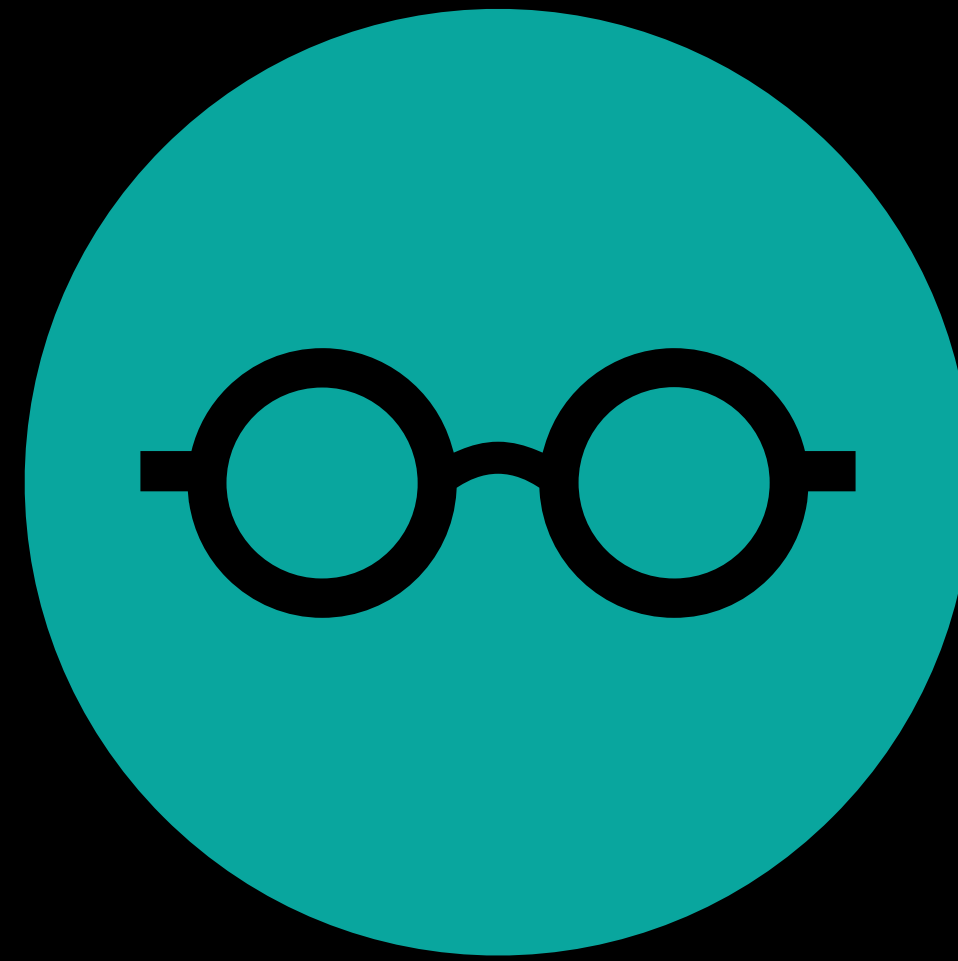
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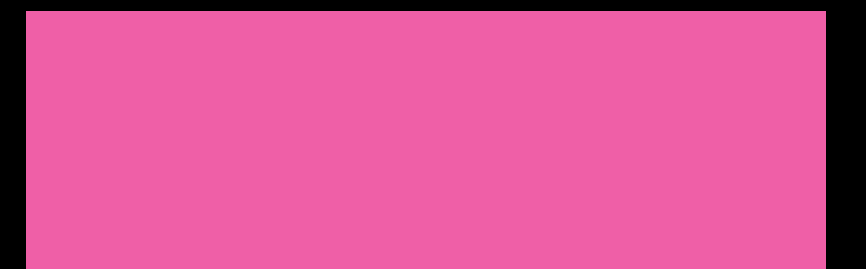
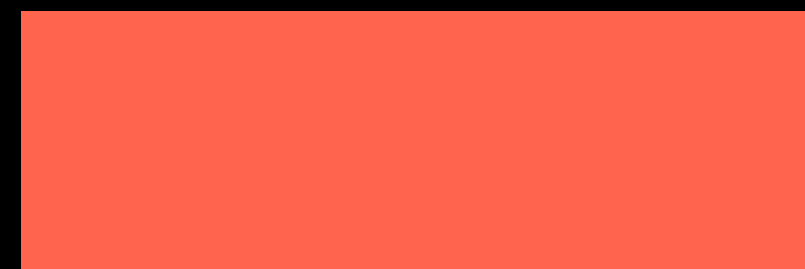
Challenges

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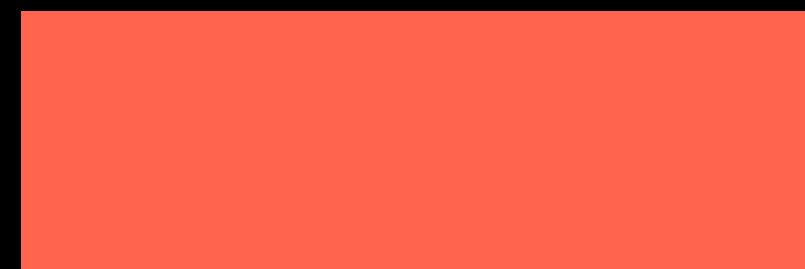
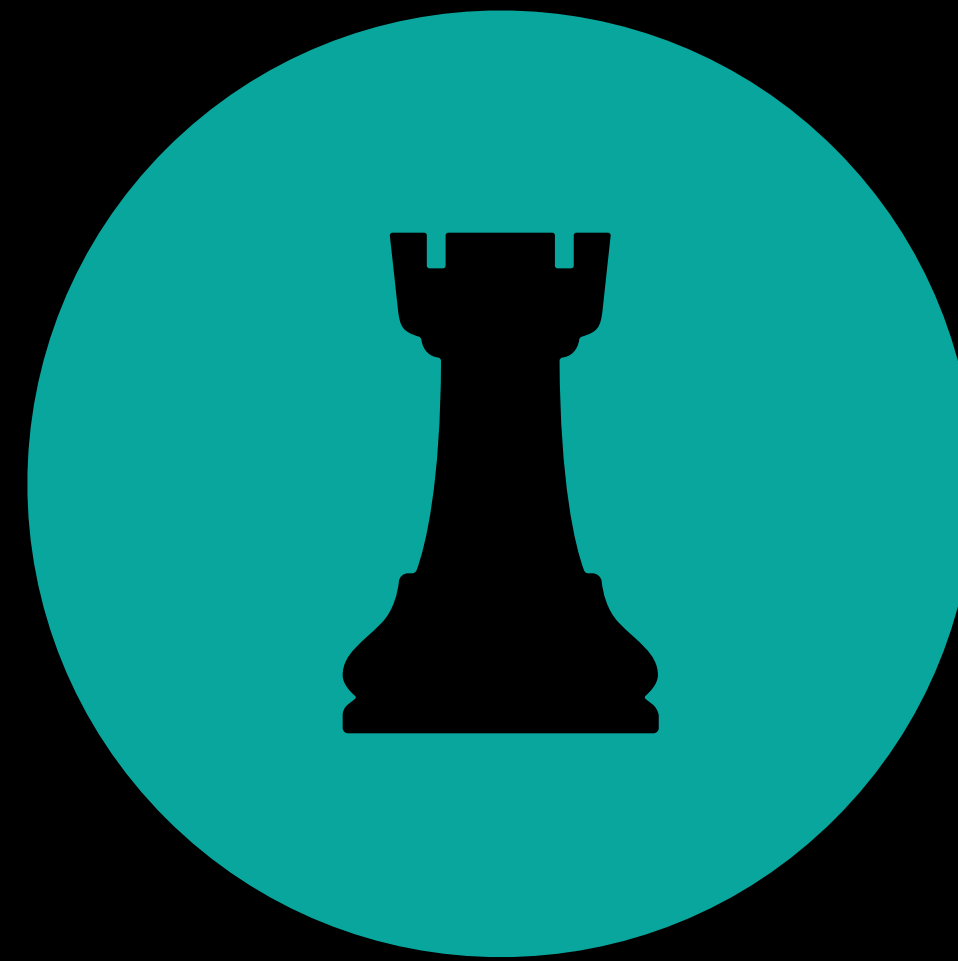
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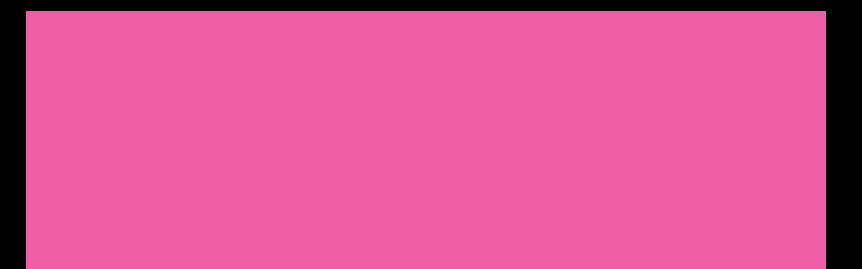
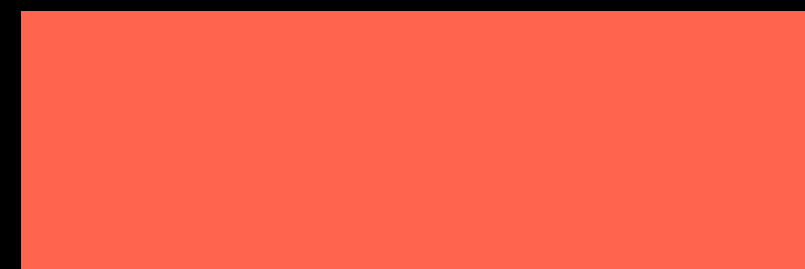
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Motivation for Active Learning

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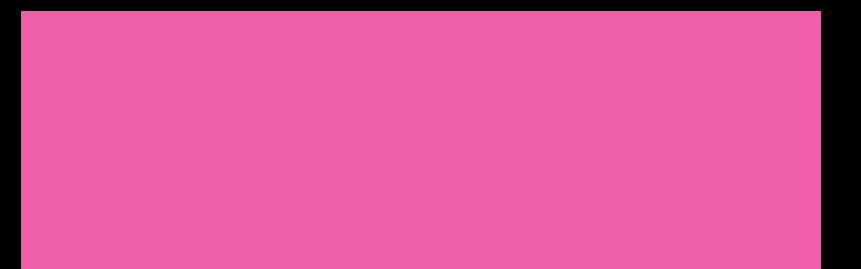
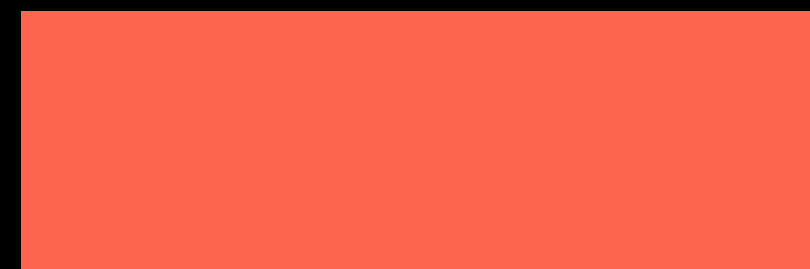


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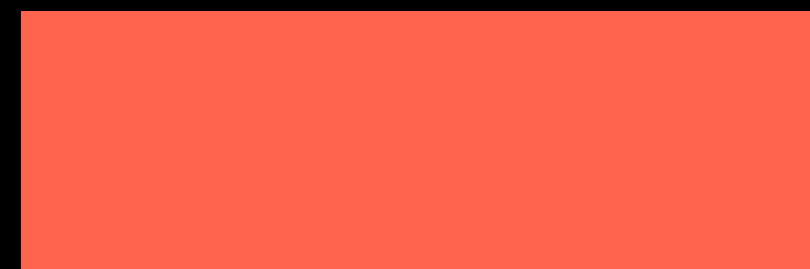


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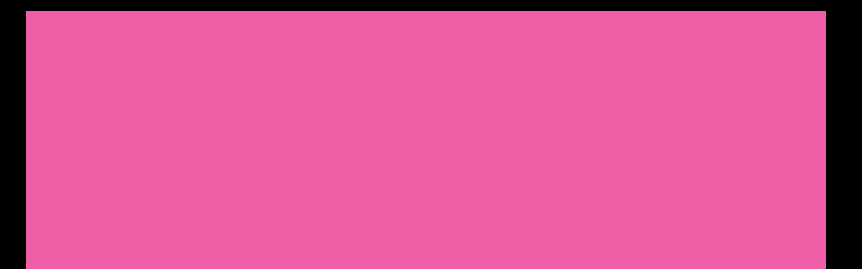
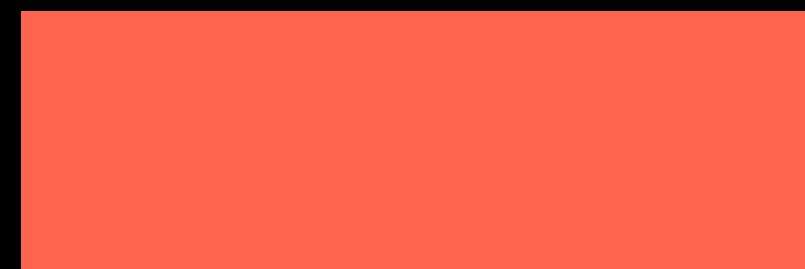


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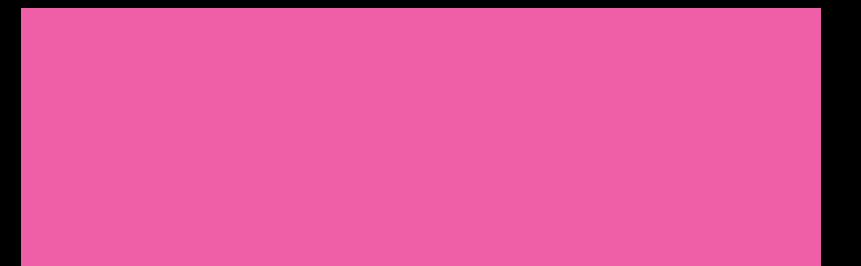
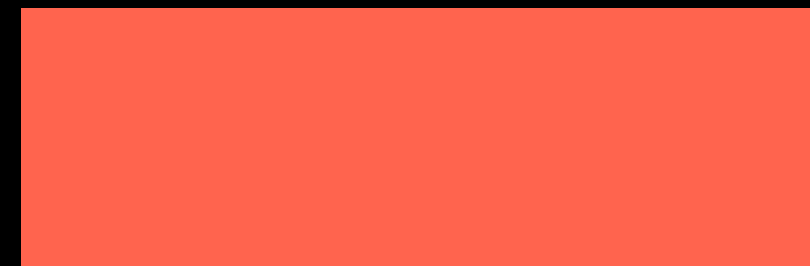


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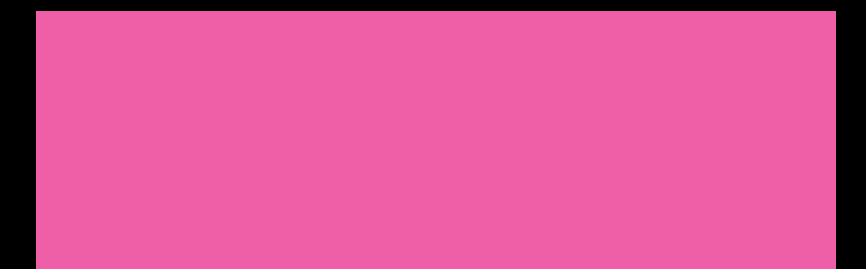
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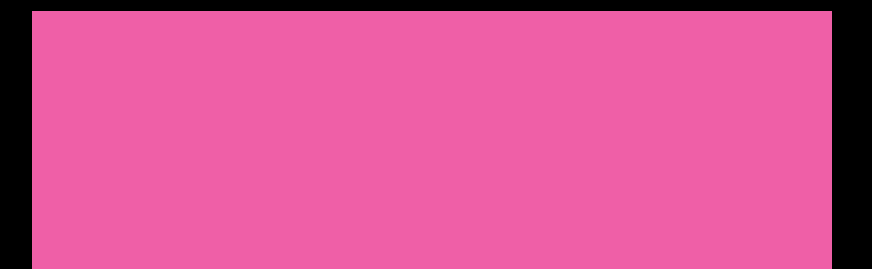
What is active learning in Forensics?

Forensics Education



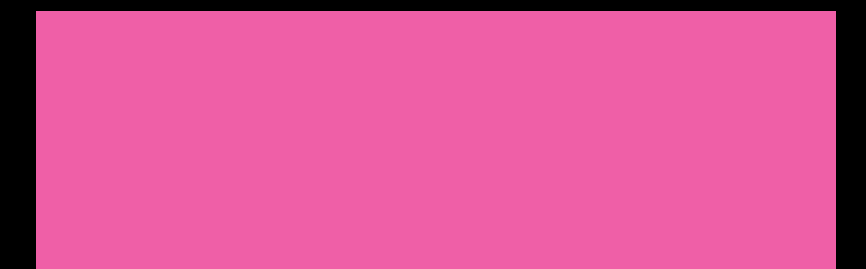
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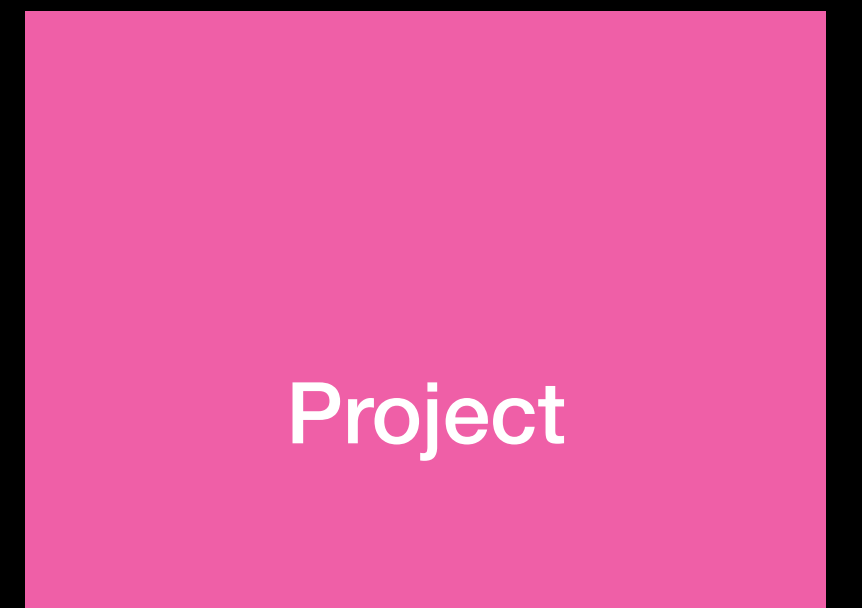
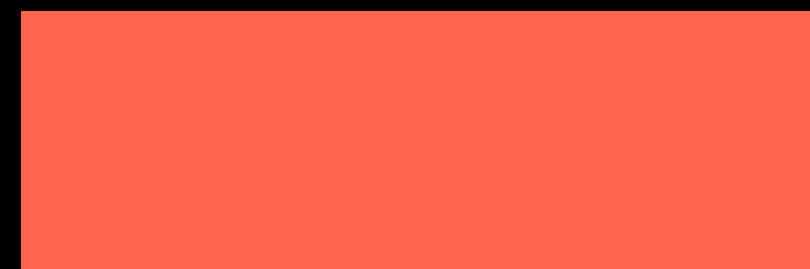
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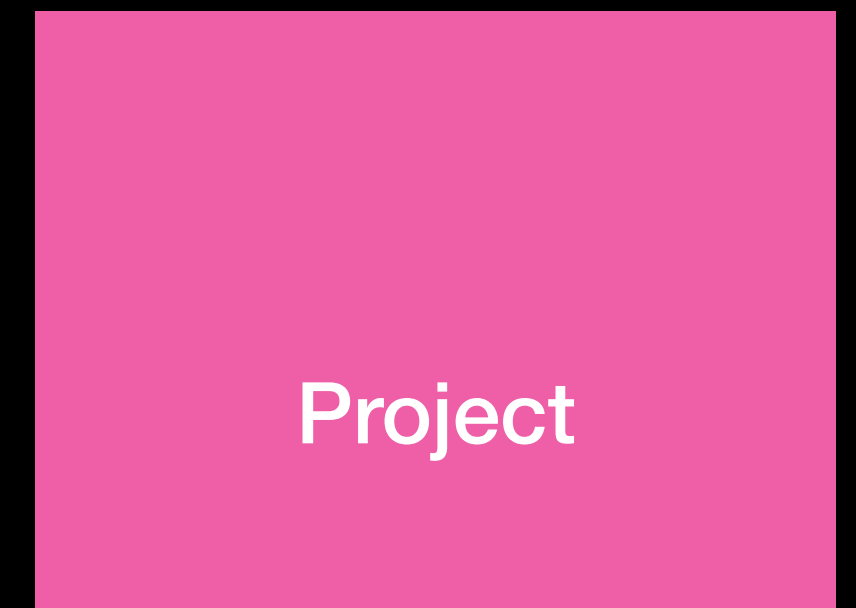
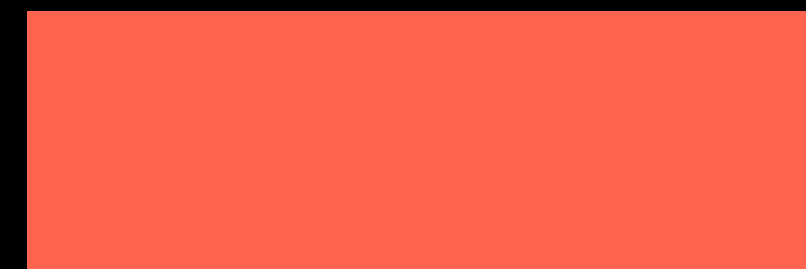
Project deliverables

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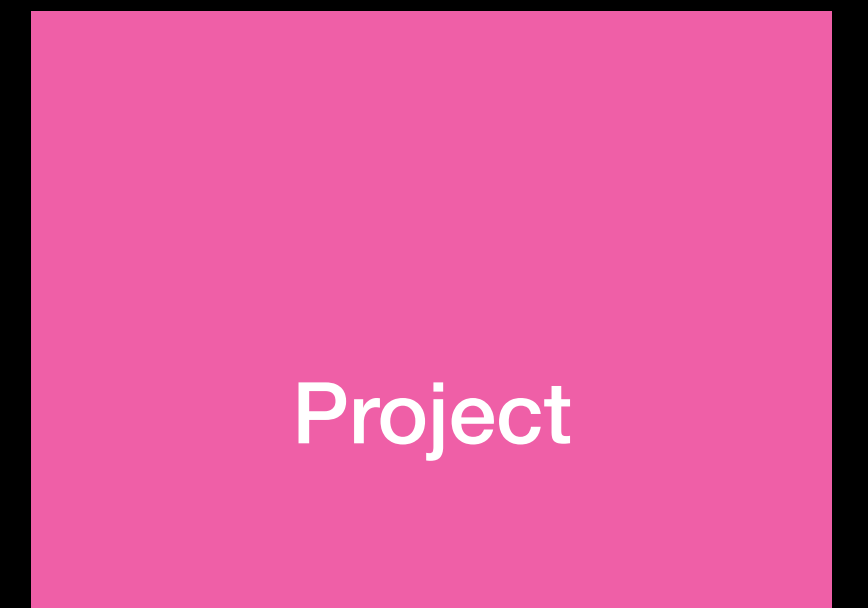
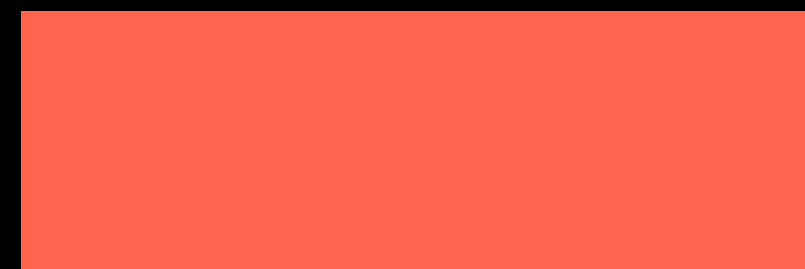
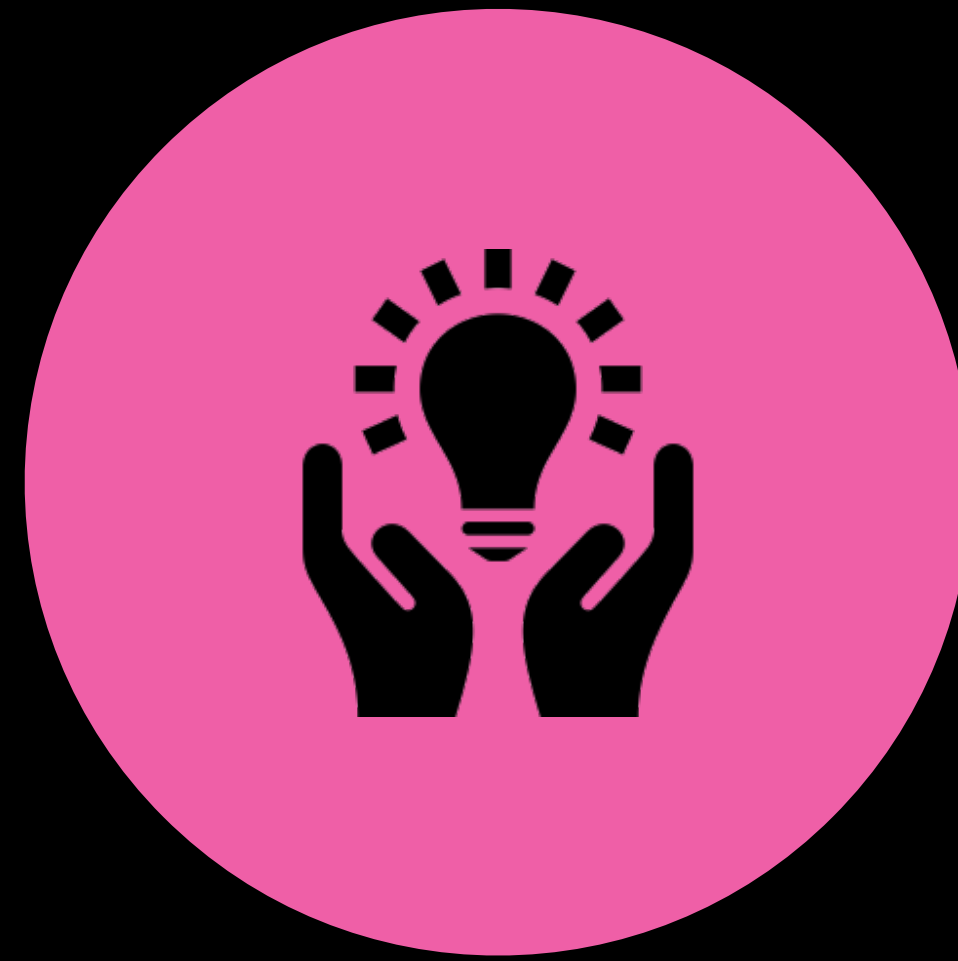
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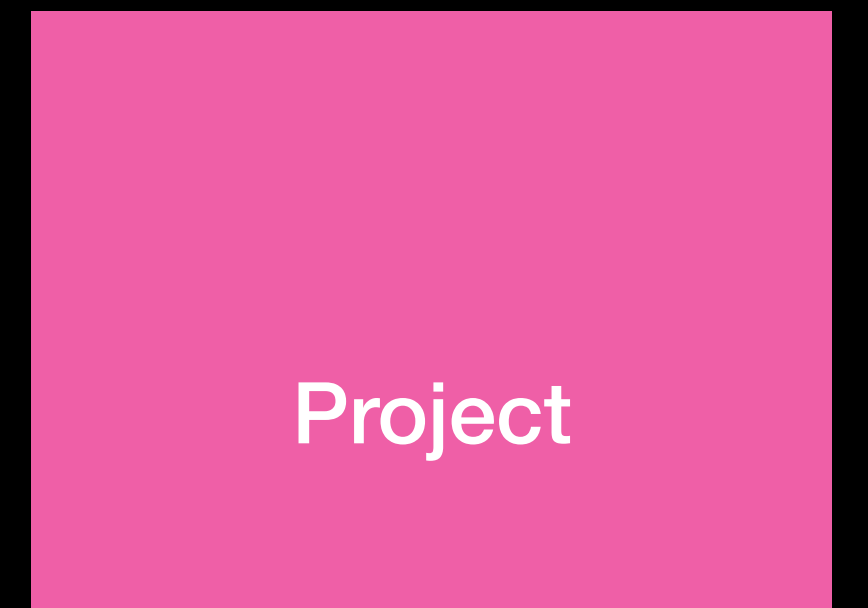
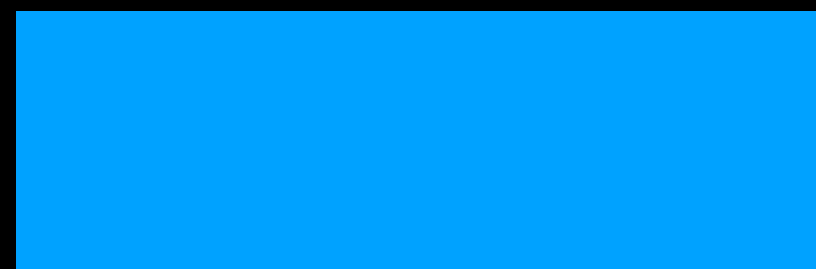
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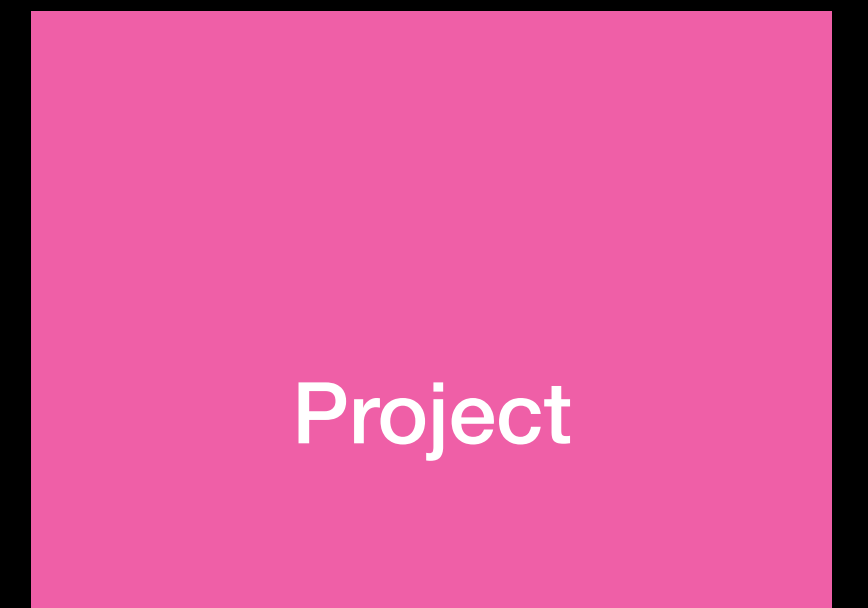
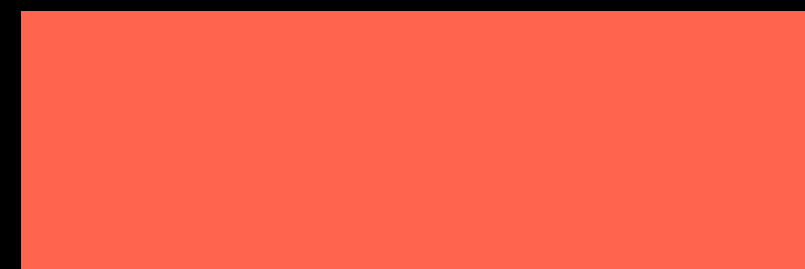
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Connect

Web, Social Media and Email



www.josephmaguire.co.uk



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www.linkedin.com/in/josephmaguire



joseph.maguire@glasgow.ac.uk

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