### HORWICH UNIVERSITY OF THE ARTS

# BSc 2a: Creative Computing Useful sources of information

This is the reading list that your course has provided for the unit you are currently studying.

You will find everything you need by searching the catalogue via the <u>Library webpages</u>.

For more information on how to search the catalogue watch this short video

### Required:

Brown, E. (2019) Web development with node and express. California: O'Reilly Media, Inc.

Goldberg, J. (2022) *Learning typeScript*. California: O'Reilly Media, Inc.

Kagan, S. (2011) Art and sustainability: connecting patterns for a culture of complexity. Germany: transcript Verlag.

Levitin, A. & Levitin, M. (2011) *Algorithmic puzzles, mathematical recreations*. Oxford: Oxford University Press.

Sakhniuk, M. & Boduch, A. (2024) *React and react native*. 5th edn. Birmingham: Packt Publishing.

#### Recommended:

Barklund, M. (2024) React in depth. New York: Manning Publications.

Bojinov, V. (2016) *RESTful Web API Design with Node.js: A Step-by-step Guide in the RESTful World of Node.js., Community Experience Distilled.* Birmingham: Packt Publishing.

Braun, A. & Rizzo, R. (2023) XR development with Unity. Birmingham: Packt Publishing

Bugl, D. (2025) Learn react hooks. 2<sup>nd</sup> ed. Birmingham: Packt Publishing.

Kereki, F. (2025) *Data structures and algorithms in JavaScript*. 1st edn. California: No Starch Press.

Mahyar, N. (2024) Reimagining data visualization to address sustainability goals.

Thorpe, A. (2007) The designer's atlas of sustainability. Washington: Island Press.

Vohra, M. (2025) *Introduction to extended reality (XR) technologies*. Massachusetts: Wiley-Scrivener

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### **Further resources:**

The Typescript Handbook

**GitHub Docs** 

**React Native Docs** 

**React Docs** 

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