

## Skills

- **Languages:** C++, C, Objective-C, JavaScript, Java, HTML, CSS, Python
- **Operating Systems:** macOS, Windows, Linux
- **Tools:** Xcode, Visual Studio, git

## Employment

July 2017 – Present                      **Software Engineer, JUCE at ROLI**

- Software Engineer on the JUCE team at ROLI

October 2016 – July 2017              **Junior Software Engineer, JUCE at ROLI**

- Junior Software Engineer on the JUCE team at ROLI

June 2016 – October 2016              **Software Engineering Intern, JUCE at ROLI**

- Working on the cross-platform C++ framework JUCE. Interacting with users on the forum, fixing bugs and developing new software

June 2015 – September 2015          **UWE Creative Technologies Intern**

- Designing and programming an interactive evolutionary computation interface for the danceroom Spectroscopy project to be used in future installations

## Publications

- Mitchell, T., Bennett, P., Madgick, S.O.H., Davies, E. and Tew, P. TIEC: Tangible Interactive Evolutionary Computation. *In Proceedings of the ACM SIGCHI Conference on Human factors in computing system*. San Jose 2016
- Davies, E., Phillip, T., Glowacki, D., Smith, J., Mitchell, T. Evolving Atomic and Molecular Aesthetics. *5th International Conference on Evolutionary and Biologically Inspired Music, Sound, Art and Design*. Portugal, 2016

## Education

September 2013 – 2016                      **BSc (Hons) Audio and Music Technology (JAMES accredited)**

UWE Bristol

- First Class Honours Degree
- **Third year modules:** Instrument Recording Investigation (73), Audio Post Production (63), Game Audio Programming (79), Audio for Games (73), Software Development for Audio (93), Music Technology Project (84)
- **Second year modules:** Mobile and Physical Computing (80), Applied Audio Systems (67), Audio Recording (72), Audio Process Design and Implementation (78)
- **First year modules:** Music Concepts (72), Audio Technology (71), Introductory Audio Programming (83), Audio Engineering (78)

**Awards**

- UWE Dean's Award for Academic Excellence in the faculty of environment and technology 2013/14 – awarded for achieving an overall average mark of 75% or more across all modules
- UWE Pendlebury Tucker Prize for highest marks in year group 2014/15
- UWE Pendlebury Tucker Prize (final year student) awarded for the best Music project by a final year student

**References available upon request**