Bruno Citoni | Curriculum Vitae

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Good news everyone!

Electronic Engineering PhD student @ the university of Glasgow, passionate about hardware design, music technology and the challenges and opportunities which arise when combined.

Education

Academic Qualifications

University of Glasgow   **Glasgow**
PhD Electronics & Electrical Engineering,   *2018–*

University of Glasgow   **Glasgow**
MSc Electronics & Electrical Engineering,   *2016–2017*
with merit

University of York   **York**
BEng (Hons) Electronic Engineering with Music Technology Systems,   *2013–2016*
First Class Honours, 73%

Previous Employment

Sepura   **Cambridge**
Audio Technician/Junior Acoustic Engineer   *September 2017 – July 2018*

As part of the baseband engineering team, worked on the design and testing of audio related circuits and provided general engineering support to new products throughout their development cycle, as well as with customer or manufacturing related issues. Developed and maintained the department's audio and acoustic design and test facilities including jigs and software.

YCCSA – York Centre for Complex System Analysis   **York**
Summer Research Student   *July 2015 – September 2015*

An interactive webpage was developed as part of the "Changing spaces: preserving the acoustic heritage of the York Theatre Royal" project. The web-page performs in-browser real-time convolution of a microphone input with impulse responses collected from various parts of the audience. It also features 360° images from the chosen seat and the ability to audition pre-recorded audio files in case a live user-input is not available.

York College   **York**
GCSE Maths Teaching Assistant   *March 2015 – June 2015*

Part of the York Students In Schools (YSIS) programme, promoting the involvement of university students with local schools. Assisted with the preparation of GCSEs Foundation Maths exam in several different classes within York College, providing both group and one on one tutoring.

Technical and Personal skills

- **Programming Languages:**
  Proficient in: Java, HTML, C, C++, MATLAB, VHDL.

- **Industry Skills:**
  Analogue and digital discrete and integrated circuit design and manufacturing skills, using software including Xilinx, Spice, CADENCE, EAGLE, as well as PCB and 3D CAD design.

- **Other:**
  Extensive knowledge of DAWs, recording and editing software, MIDI composing and analysis tools such as: Logic Pro, Pro Tools, PureData, Sibelius, SPEAR, Praat, CLIO.

- **Languages:**
  Italian native speaker, fluent in English and working knowledge of French.

Interests and extra-curricular activity

- Music composer and performer, occasionally involved with sound design and scoring for media such as short films and plays.

- Occasional tinkerer and avid videogame player, hobbyist stompbox & videogame designer.

- Former Secretary (2013, 2014) and President (2015) of the University of York Italian Society, managing the rest of the committee and organising weekly events.

- Amateur football player.

References

- References available on request