CURRICULUM VITAE

DR MATTHEW YEE-KING BSC MSC DPHIL

Matthew John Yee-King
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Education:

- **DPhil in Computer Science and Artificial Intelligence**, 'Automated Sound Synthesizer Programming: Techniques and Applications', awarded in 2012 by Dept. Informatics, University of Sussex. Supervised by Dr Nick Collins; examined by Dr Graham McAllister and Dr Colin Johnson.
- **MSc with Distinction in Evolutionary and Adaptive Systems**, Informatics, University of Sussex, 2000.
- **BSc Joint Honours in Genetics and Zoology 2:1**, School of Biological Sciences, University of Leeds, 1996.

Current Employment:

Lecturer, Department of Computing, Goldsmiths, London. Key responsibilities:

- Development of online courses, resulting in delivery of 8 MOOCs to 250,000+ learners since 2013, supervising PhD and project students.
- Development of research ideas and projects in the areas of machine learning/ AI in creative contexts and education technology.

Grants:

- Goldsmiths TALIC teaching fellowship award, 2016. An internally awarded grant for work on learning analytics.
- EU FP7, PRAISE project: named research fellow and contributing author for €3m European Grant 2012-2015.
- Arts Council £26000 grant for the Music of the Mind project, a brain wave music composition project with Finn Peters. Completed 2009.

Example Publications:

- *Designing Educational Social Machines for Effective Feedback*, Yee-Kimg et al., 8th Intl. conference on e-learning 2014
- *Multiuser museum interactives for shared cultural experiences: an agent-based approach*, Yee-King et al. ACM AAMAS 2013

Experience:

- **Providing the vision for web based, scalable software architectures**, including user centred software development with a participatory design approach, (Freelance work 2000-2010, WISDOM project, 2001-2005, ACE project 2011-2013, PRAISE project 2012-present)
- **Running the first English MOOC** in 2013 at Goldsmiths, with an enrolment of >100,000, about creative coding audiovisual apps on mobile devices. My team built a software platform used for peer feedback in the same MOOC in 2014.
- **Project management with multiple stakeholders** inc. financial reporting (PRAISE project), managing international teams of postdoc, doctoral researchers, software developers (ACE project, PRAISE project, WISDOM project)
- **Practice based, cross disciplinary research**, e.g. multi user, agent based museum interactives (ACE project), brain wave based music composition (Music of the Mind project 2009), social networks for music learners (PRAISE project)

Previous Employment:

- 2012 - 2015: Technical manager, €3m EU funded project 'PRAISE', creating a scalable social network platform for educational feedback. Responsible for overseeing software development and case study development. Project awarded 'excellent' grade in final review.
- 2006 - 2012: Lecturer, Goldsmiths Dept. Computing
- 1996 - present: Freelance musician
- 2000 - 2010: Freelance software engineer
- 2001 - 2005: Technical manager, EU FP5 WISDOM project, Bristol University

Competences and Skills:

- Higher education teaching at a leadership level
- Interdisciplinary research
- Large scale web development
- Electronic music and signal processing
- Software engineering in Java, C++, Objective-C, PHP, Javascript
- Project management
- Conference organisation

Web based infornation

Google Scholar profile: http://bit.ly/VEkHTQ
LinkedIn profile: http://linkd.in/1oPNdPo
Musical discography on discogs: http://bit.ly/1w7qemT