

Charlie Pinder CV

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Summary

Polymath with strong academic skills, a broad range of technical experience and experience in engaging people with technology.

- Currently writing up PhD in HCI. MSc in Computer Science (Distinction). BA in PPE from Oxford (2:1).
- Experience in R&D, user, strategy and content roles.

Education

2011-present **PhD in Human-Computer Interaction, HCI Centre, University of Birmingham, UK**

Targeting the automatic: nonconscious behaviour change technology

Tech skills:

- Multiple R&D roles on research projects using Android; Java; JavaScript; HTML; CSS; Python; R; PHP; PostgreSQL; Git

Other skills:

- User studies (quantitative & qualitative); design, execution and evaluation
- Coding workshops; project supervision, guest lectures, outreach prizes

Key publications:

- * Pinder, C. et al. (To Appear). Exploring the Feasibility of Subliminal Priming on Smartphones. Mobile HCI 2017
- * Pinder, C. (2017). The Anti-Influence Engine: Escaping the Diabolical Machine of Pervasive Advertising. CHI'17 EA
- * Pinder, C. (2017). Nonconscious Behaviour Change Technology: Targeting The Automatic. CHI'17 EA
- * Pinder, C. et al. (2016). If this, then habit: exploring context-aware implementation intentions on smartphones. Mobile HCI '16 Adjunct
- * Pinder, C. et al. (2016). Accept the Banana: Exploring Incidental Cognitive Bias Modification Techniques on Smartphones. CHI'16 EA

MSc Computer Science [Distinction], University of Birmingham, UK

Highest mark in year for final project, a distributed collaborative animation programme.

Tech skills:

- Java, XML

BA (Hons) Politics, Philosophy and Economics (2:1), University of Oxford, UK

Skills:

- Fast assimilation of complex information

Skills

Technical:

Fluent: Java, Android

Familiar: R, Python, Git, PostgreSQL, MySQL, PHP, HTML, SMIL, JavaScript, CSS, Processing

Professional:

- * Adaptable: R&D, ability to solve complex problems under pressure
- * Strategy, change management, project management, product management
- * Full software development cycle experience; Agile experience
- * Communication: dev team management; remote diffuse team management
- * Self-reliant independent worker
- * Technical writing & presentation skills

Work

2015 **Developer & learning consultant (PT)**

Development of an online training course for a banking software consultancy

Key skills

- LFA tool (HTML5, CSS, JavaScript, Node.js), Git
- Developer liaison; project management; remote working

2013 **User Engagement Champion, FutureLearn (PT)**
Supported users during launch; analysed problem trends; liaised with launch dev team; updated user resources
Key skills Communication skills; problem solving; Uservoice wrangling; remote working

2013 **Full-stack developer on Privacy Trends project, University of Birmingham (PT)**
Dev on a Google-funded research tool to enable users to collaboratively share & annotate privacy concerns online
Key skills JavaScript (Angular); HTML; CSS; PHP; PostgreSQL

2011 **Full-stack developer, University of Birmingham research project**
Built and ran user studies for a priming game.
Key skills:

- Flash (ActionScript); HTML; PHP; PostgreSQL
- Experiment evaluation, user testing

2009-2011 **Research Associate, University of Birmingham**
Researcher on an EU project exploring the automatic annotation of news video.
Key skills

- Flash (ActionScript); HTML; XML; C#; MySQL
- Project management; remote team collaboration

2008-2009 **Senior Content Developer, Birmingham City University**
Researcher on project to engage local SMEs in context-aware mobile technology projects.
Key skills Project management; event management; content management; training

2003-7 **Senior roles at BBC**
Various projects including BBC 2.0, Content Management Culture, New Media HQ
Key skills

- Requirements gathering and specification; part of senior leadership team with focus on tech strategy and change management; team leader for small team of devs; remote team management; BBC Leadership programme, Ashridge Business School
- Java, CMS (Documentum); XML, XSLT, HTML, CSS, SMIL

Other previous Senior Producer, BBC; Online journalist, BBC; Researcher, disability rights organization; Content editor, business risk consultancy

Awards, prizes

- 2017 CHI Conference alt.chi “Best Provocation Award” for “The Anti-Influence Engine” paper
- University of Birmingham public engagement prizes: prize for research video (2014); prizes for research poster (2013).
- 2012 Google Anita Borg Memorial Scholarship. 1 of 70 worldwide, selected on academic performance, leadership, and impact on the community of women in tech
- 2011-2016 HCI Centre Scholarship, University of Birmingham

Interests

Passionate about sharing the joy of technology. Ran creative coding workshops for women and girls; helped run hackdays, tech info days, and a pervasive games interest group.

Likes to tinker with Arduinos, built a cake orchestra to interest people in creative tech and played it at a sonic arts festival. Gave a tech talk about privacy using a slide deck driven by RFID-enabled cakes. Only one got eaten.