

Research IT: RSE and Apps Support

Robert Haines

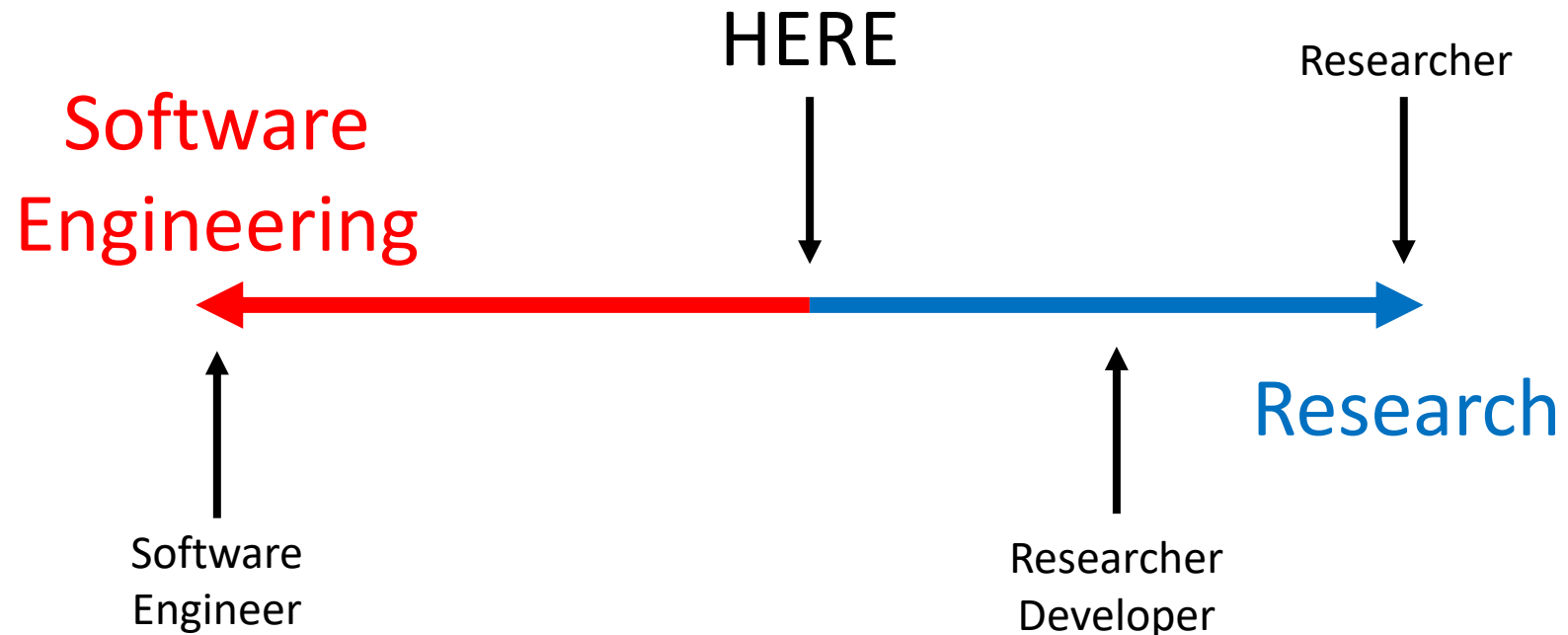
robert.haines@manchester.ac.uk

Research IT Club, 29th November 2017



**BETTER
SOFTWARE
BETTER
RESEARCH**

What is a Research Software Engineer?



The Craftsperson and the Scholar



Image courtesy of Beinecke Library and bcom

James Hetherington: <http://www.software.ac.uk/blog/2012-11-09-craftsperson-and-scholar>

Are you a Research Software Engineer?

- Are you employed to develop software for research?
- Are you spending more time developing software than conducting research?
- Are you employed as a postdoctoral researcher, even though you predominantly work on software development?
- Are you the person who “does computers” in your research group?
- Are you sometimes not named on research papers despite playing a fundamental part in developing the software used to create them?
- Do you lack the metrics needed to progress your academic career, like papers and conference presentations, despite having made a significant contribution through software?

Join the UK RSE Community

- Careers
- Events
- Training
- International links
- www.rse.ac.uk

RSE



RSE noticeboard

Institute of Coding

- Three year project to plug the digital skills gap in the UK
 - Estimated at 500k by 2020
- Funded by HEFCE (£20M) with match funding from industry
- 60 partners across education and industry
- Manchester involvement:
 - Teaching materials, tools to support teaching/learning and learning analytics
 - School of Computer Science (Suzanne Embury and Caroline Jay)
 - One PDRA
 - Research IT
 - Two RSEs – hiring soon!

institute of



Training and drop-in sessions

Training courses: coming soon

- Introduction to Linux/UNIX shell
- Introduction to Python
- Programming in Python
- Introduction to Data Visualization
- Matlab Programming course
- HPC training course CSF/DPSF
- Automation and Make
- LaTeX course (inc. UoM Thesis template)
- Data Analysis with R
- Version control with Git and GitHub
- More information + online courses here:
<http://bit.ly/2w6TfCO>

7 Mar

21 Mar, 9 May

24 Apr, 22 May

25 Apr

28 Feb

28 Mar

16 May

14 Mar

18 Apr

2 May



Drop in sessions

- Every two weeks around campus
- No appointment necessary
- Anything Research IT related
- If we can't solve your problem right away, we'll get back to you
- Come and see us (1400-1500):
 - 28th Feb, Kilburn Byte Café
 - 14th Mar, Alan Turing ground floor lounge
 - 28th Mar, Michael Smith lounge area
- See the blog/newsletter for other dates as they are announced



How to contact us

- Website:
 - <http://www.itservices.manchester.ac.uk/research/>
- IT Services Support Centre:
 - <https://supportcentre.manchester.ac.uk>
- Twitter:
 - [@UoM_eResearch](https://twitter.com/UoM_eResearch)
- Blog:
 - <https://researchitnews.org/>
 - Sign up to our newsletter here

