

Research IT: RSE and Apps Support

Robert Haines

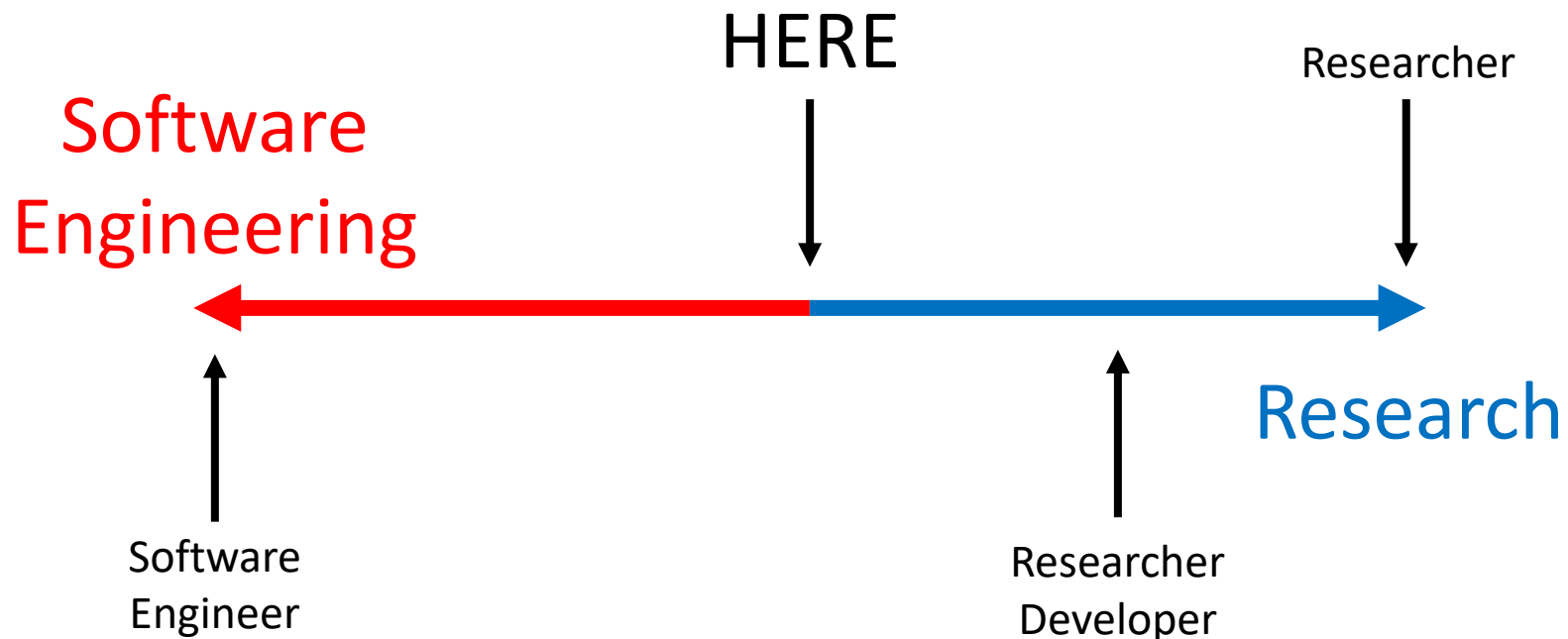
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Research IT Club, 9th October 2019



**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>

Society of Research Software Engineering



RSE

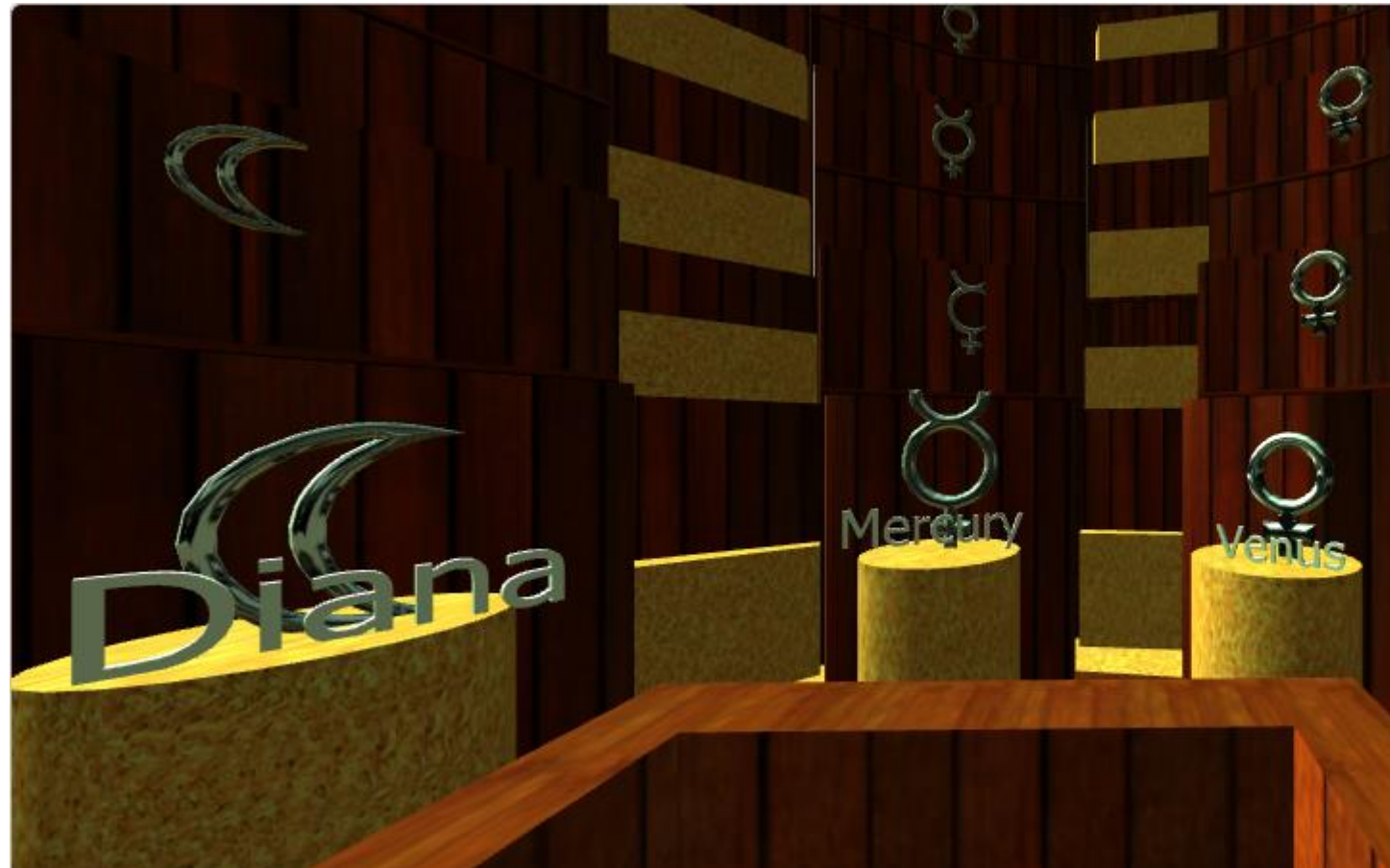
**SOCIETY OF RESEARCH
SOFTWARE ENGINEERING**

- New Professional Society for RSEs
 - Registered Charity
- Now open for membership
 - Nominal fee: £20/year
- Trustee elections 2019
- <https://society-rse.org/>

RSE noticeboard

Visualization and Data Analysis Lab

- A new service for
 - AR/VR
 - Data Visualization
 - Sensors and data
- We are currently buying kit!
 - HoloLens 2
 - HTC Vive, Oculus Quest
 - Playstation 4 + VR kit
 - Raspberry Pis and IoT sensors
- Get in touch:
 - its-research@manchester.ac.uk



Giulio Camillo Theatre, by Josh Woodcock for Oscar Siep, John Rylands Institute

<https://glitch.com/~giulio-camillo-vr>

Training and drop-in sessions

Training courses: 2019/2020

- Introduction to Linux/UNIX shell
- Introduction to Python
- Programming in Python
- Introduction to Data Visualization
- Introduction to HPC and using the CSF
- Introduction to iCSF
- Automation and Make
- LaTeX course (inc. UoM Thesis template)
- Data Analysis with R
- Interactive data viz with R and Shiny
- Version control with Git and GitHub
- Introduction to MATLAB

• More information + online courses here:

20 Nov, 21 Apr

16 Oct, 15 Jan, 15 Apr, 17 Jun

11 Dec, 24 Mar, 20 May

TBC

13 Nov, 18 Feb, 8 Apr

27 Nov, 5 Mar

27 May

4 Dec, 10 Jun

2 Oct, 22 Jan, 1 Apr

TBC

23 Oct, 27 Feb

6 Nov, 13 Feb

<http://bit.ly/2w6TfC0>



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):
 - 24th Oct – Kilburn, Byte Café
 - 7th Nov – Alan Turing, Ground Floor
 - 21st Nov – Schuster Building, Annexe
 - 5th Dec – Sackville Street Building, F41
- 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/>
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