Deakin University Authorship Procedure Schedule A: Authorship Statement

1. Details of the publication and executive author

of Stack Overflow

Publication details Presented at the 42nd International Conference on Software

Engineering, Seoul, South Korea, 2020

Name of executive author Alex Cummaudo

School/Institute/Division if at

Deakin

Organisation and address if

non-Deakin

Applied Artificial Intelligence Institute

Email or phone ca@deakin.edu.au

2. Inclusion of publication in a thesis

Is it intended to include this publication in a higher degree by research (HDR) thesis?

If Yes, please complete Section 3 If No, go straight to Section 4.

3. HDR thesis author's declaration

Name of HDR thesis author if

different from above.

(If the same, write "as above")

School/Institute/Division if at

Deakin

Applied Artificial Intelligence Institute

Thesis title Taming the Evolving Black Box: Improving Integration and

Documentation of Pre-Trained Machine Learning Components

If there are multiple authors, give a full description of HDR thesis

author's contribution to the

publication.

See page 2

As above

Yes

I declare that the above is an accurate description of my contribution to this paper, and the contributions of other authors are as described below.

Signed: Dated: 27 August 2019

4. Description of all author contributions

Name and affiliation of author 1 Alex Cummaudo

Applied Artificial Intelligence Institute

Deakin University

Contribution of author 1 Alex Cummaudo initiated the conception of the project.

Additionally, he designed a detailed methodology, conducted the experiment and mined data against the methodology devised, performed a majority of data analysis and categorised 525 Stack Overflow posts. He drafted the full manuscript and made further revisions, modifications and prepared the camera ready version for

publication in the conference proceedings.

Name and affiliation of author 2 Rajesh Vasa

Applied Artificial Intelligence Institute

Deakin University

Contribution of author 2 Rajesh Vasa contributed to the initial conception of this project by

providing high-level guidance over overview of what the project and its experiments should comprise of. Rajesh also contributed to detailed revisions of the initial manuscripts, and assisted in advising Alex Cummaudo on improved analytical insight into the collected results. Rajesh Vasa is the primary supervisor of Alex Cummaudo.

Name and affiliation of author 3 Scott Barnett

Applied Artificial Intelligence Institute

Deakin University

Contribution of author 3 Scott Barnet conducted a statistical distribution analysis for this

experiment. He contributed to detailed reviews of the methodology and manuscript. He also contributed a major section of the work

regarding Technical Domain Models.

Name and affiliation of author 4 John Grundy

Faculty of Information Technology

Monash University

Contribution of author 4 John Grundy provided high-level oversight of the project. He

contributed to detailed reviews of the methodology and manuscript.

John Grundy is the external supervisor of Alex Cummaudo.

Name and affiliation of author 5 Mohamed Abdelrazek

School of Information Technology

Deakin University

Contribution of author 5 Mohamed Abdelrazek made final edits and suggestions to the final

draft of the manuscript before submitting for peer review. Mohamed Abdelrazek is an associate supervisor of Alex

Cummaudo.

5. Author declarations

I agree to be named as one of the authors of this work, and confirm:

- i. that I have met the authorship criteria set out in the Deakin University Research Conduct Policy,
- ii. that there are no other authors according to these criteria,
- iii. that the description in Section 4 of my contribution(s) to this publication is accurate,
- iv. that the data on which these findings are based are stored as set out in Section 7 below.

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6. Other contributor declarations

There are no other contributors for this publication to declare.

7. Data storage

The original data for this project are stored in the following locations. (The locations must be within an appropriate institutional setting. If the executive author is a Deakin staff member and data are stored outside Deakin University, permission for this must be given by the Head of Academic Unit within which the executive author is based.)

Data format Comma separated values (CSV), Excel Spreadsheet

Storage location Deakin University Research Data Store (RDS)

Location: RDS29448-Alex-Cummaudo-PhD/results/icse20

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