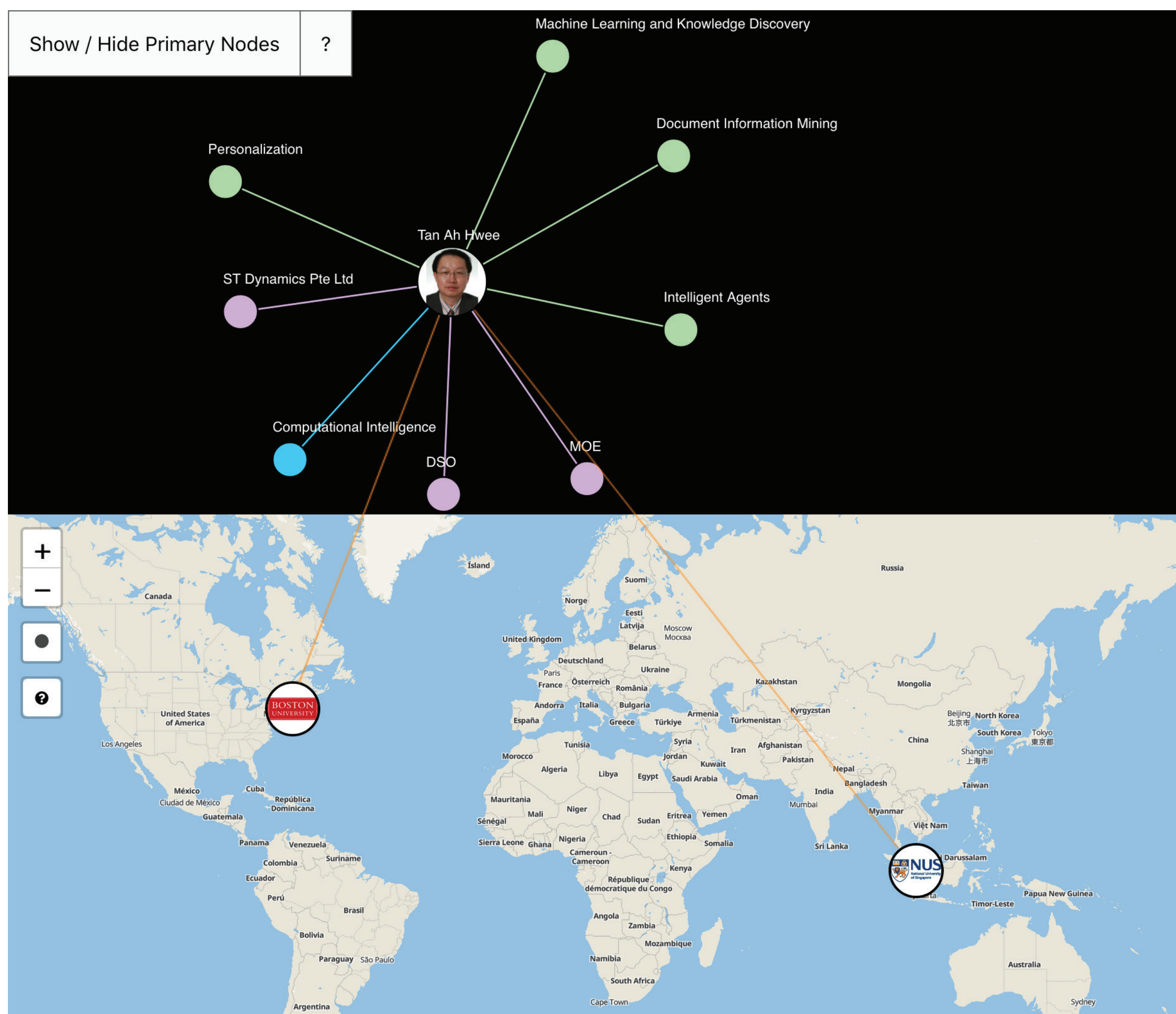


Query and Visualization of Expert Network

Objective: Expert networks are useful for studying any characteristics that are shared between experts from the same domain. We aim to create an interactive front-end application that can be used to visualize an expert network of professors from the School of Computer Science and Engineering of Nanyang Technological University for a Professor Nomination System and eventually other expert networks.



Some of the Important Features:

- Search by professor name, universities and countries of education, research interests, research groups, funding bodies
- Show/Hide specific nodes or large(primary) nodes
- Draw a circle on the world map to search for universities within the circle

Implementation: An interactive front-end application was developed using React. The front-end application provides the user with features that will let the user explore the expert network so that the professors can be easily found and the relationships between different professors can be studied. More work needs to be done to visualize different kinds of expert networks with the current implementation.

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