

The MathWorks Career Story

Tanya Morton joined The MathWorks in 2000 as a consultant after completing a PhD in Mathematics and has since moved into a senior management role. Tanya decided to work in an environment which was not purely academic to fulfil her desire to have a stronger impact in her work through applying her mathematical ability to solving problems in an industrial environment.

Tanya leads a team of application engineers who provide technical expertise to support customers and the organisation's sales team. Tanya's doctoral training has offered strong technical knowledge and ability to learn quickly along with problem solving, communication and presentation skills. Her knowledge of The MathWorks products, gained as a graduate student and since working at The MathWorks, combined with her enthusiasm and work ethic ensure delivery to a consistently high standard.

Tanya feels that the problem solving skills developed during her doctorate have been crucial when helping customers apply software to their technical or business problems. Tanya also feels that having a doctorate helps her to hire application engineers with strong academic backgrounds, therefore recruiting the right people for the right job.

The recruitment team for The MathWorks says "we favour employing predominantly PhDs into engineering roles as we feel strongly about maintaining a hiring bar which commits to bringing on board the most talented people around. Having a PhD is an indicator of an individual's commitment to progressing as far as they can in their chosen field." The team also believe that in undertaking a doctorate individuals tend to develop the kinds of traits that The MathWorks are looking for, including discipline, original thinking and project management.