**Staff Curriculum Vitae**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | *Đỗ Tuấn Anh* | | | | | | |
| Position | *Giảng viên, Bộ môn Khoa học Máy tính* | | | | | | |
| Academic career | *Thạc sỹ , Công nghệ Thông tin*  *Kỹ sư , Công nghệ Thông tin* | | | *trường Đại học Bách khoa Hà Nội*  *trường Đại học Bách khoa Hà Nội* | | | *2008*  *2005* |
| Employment | *Position* | | | *Employer* | | | *Period* |
| Research and development projects over the last 5 years | *Name of project or research focus*  *Period and any other information*  *Partners, if applicable*  *Amount of financing* | | | | | | |
| Industry collaborations over the last 5 years | *Project title*  *Partners* | | | | | | |
| Patents and proprietary rights | *Title* | |  | | | *Year* | |
| Important publications over the last 5 years | *Selected recent publications from a total of approx. : 8*  *Author(s) : Anh Do Tuan and Long Nguyen Hoang and Thang Ta Bao and Huynh Thi Thanh Binh and Simon Su*  *Title : A two-level strategy based on evolutionary algorithm to solve the inter-domain path computation under node-defined domain uniqueness constraint*  *Any other information : https://www.spiedigitallibrary.org/conference-proceedings-of-spie/11746/117462O/A-two-level-strategy-based-on-evolutionary-algorithm-to-solve/10.1117/12.2588199.short*  *Publisher : SPIE*  *Year of publication : 2021*  *Selected recent publications from a total of approx. : 8*  *Author(s) : Faisal Algashaam and Kien Nguyen and Jasmine Banks and Vinod Chandran and Tuan-Anh Do and Mohamed Alkanhal*  *Title : Hierarchical fusion network for periocular and iris by neural network approximation and sparse autoencoder*  *Any other information : https://link.springer.com/article/10.1007/s00138-020-01140-y*  *Publisher : Springer Berlin Heidelberg*  *Year of publication : 2021*  *Journal Machine Vision and Applications, volume 32, page 1-10*  *Selected recent publications from a total of approx. : 8*  *Author(s) : Do Tuan Anh and Huynh Thi Thanh Binh and Nguyen Hoang Long and Ta Bao Thang and Su Simon*  *Title : A Two-level Genetic Algorithm for Inter-domain Path Computation under Node-defined Domain Uniqueness Constraints*  *Any other information : https://ieeexplore.ieee.org/abstract/document/9504728/*  *Publisher : IEEE*  *Year of publication : 2021*  *Selected recent publications from a total of approx. : 8*  *Author(s) : Ha-Bang Ban and Dang-Hai Pham and Tuan-Anh Do*  *Title : An Efficient Two-Phase Metaheuristic for the Multiple Minimum Back-Walk-Free Latency Problem*  *Any other information : https://link.springer.com/chapter/10.1007/978-981-15-7078-0\_14*  *Publisher : Springer, Singapore*  *Year of publication : 2020*  *Selected recent publications from a total of approx. : 8*  *Author(s) : Tuan Anh Do and Joshua Erde and Mihyun Kang*  *Title : A note on the width of sparse random graphs*  *Any other information : https://arxiv.org/abs/2202.06087*  *Publisher :*  *Year of publication : 2022*  *Selected recent publications from a total of approx. : 8*  *Author(s) : Tuan A Do and Joshua Erde and Mihyun Kang*  *Title : Planarity and genus of sparse random bipartite graphs*  *Any other information : https://epubs.siam.org/doi/abs/10.1137/20M1341817*  *Publisher : Society for Industrial and Applied Mathematics*  *Year of publication : 2022*  *Journal SIAM Journal on Discrete Mathematics, volume 36, page 1394-1415*  *Selected recent publications from a total of approx. : 8*  *Author(s) : Tuan Anh Do and Joshua Erde and Mihyun Kang*  *Title : Component behaviour and excess of random bipartite graphs near the critical point*  *Any other information : https://arxiv.org/abs/2105.14883*  *Publisher :*  *Year of publication : 2021*  *Selected recent publications from a total of approx. : 8*  *Author(s) : Tuan Anh Do and Joshua Erde and Mihyun Kang*  *Title : Component Behaviour of Random Bipartite Graphs*  *Any other information : https://link.springer.com/chapter/10.1007/978-3-030-83823-2\_51*  *Publisher : Birkhäuser, Cham*  *Year of publication : 2021* | | | | | | |
| Activities in specialist bodies over the last 5 years | *Organisation* | *Role* | | | *Period* | | |
| *Membership without a specific role need not be mentioned* | | | | | | |