

Evrin Güler

Öğretim Görevlisi Doktor
Bilgisayar Mühendisliği Bölümü
Bartın Üniversitesi
E-posta: evringuler@bartin.edu.tr

EĞİTİM BİLGİLERİ:

Doktora: (2019) Bilgisayar Yazılımı, Computer Science, Georgia State University, Atlanta, Georgia, USA.
Yüksek Lisans: (2013) Bilgisayar Bilimi, Computer Science & Info Systems, University of Michigan-Flint, Flint, Michigan, USA.
Lisans: (2008) Matematik ve Bilgisayar Bilimleri, Fen Fakültesi, Ege Üniversitesi, İzmir, Türkiye.

ÜNVAN:

2019 – halen Öğretim Görevlisi Doktor, Bilgisayar Mühendisliği Bölümü, Bartın Üniversitesi, Bartın, Türkiye.
2017 – 2019 Yazılım Mühendisi, Co-Op Graduate Intern, Ciena Corporation, Alpharetta, Georgia, USA.
2013 – 2019 Öğretim Asistanı, Computer Science, Georgia State University, Atlanta, Georgia, USA.
2011 – 2013 Araştırma Asistanı, Computer Science & Info Systems, University of Michigan-Flint, Flint, Michigan, USA.

ONUR VE ÖDÜLLER:

09/2012 Design & Analysis Award, “Automated Box-Jenkins Modelling of the Demand Response System for the Smart Grid”, University of Michigan-Flint, Flint, Michigan, USA.
08/2012 Achievement Award, “Freeman, Ralph M. & Emmalyn E. Scholarship”, University of Michigan-Flint, Flint, Michigan, USA.

YAYINLANMIŞ ULUSAL MAKALELER:

1. M. Jalalitabar, **E. Guler**, D. Zheng, G. Luo, L. Tian, and X. Cao, “Embedding dependence-aware service function chains,” IEEE/OSA Journal of Optical Communications and Networking, vol. 10, pp. 64–74, August 2018.
2. S. Uludag, **E. Guler**, M. Karakus, and S. W. Turner, “An affordable virtual laboratory infrastructure to complement a variety of computing classes,” Journal of Computing Sciences in Colleges, vol. 27, pp. 158–166, May 2012.

YAYINLANMIŞ KONFERANS MAKALELERİ:

1. **E. Guler**, S. Devaraju, G. Luo, L. Tian, and X. Cao, “Multicast-Aware service function tree embedding,” in IEEE International Conference on High Performance Switching and Routing (HPSR), (Xi’An, P.R. China), May 2019.
2. D. Zheng, C. Peng, **E. Guler**, G. Luo, L. Tian, and X. Cao, “Hybrid service chain deployment in networks with unique function,” in IEEE ICC: Next-Generation Networking and Internet Symposium, (Shanghai, P.R. China), May 2019.
3. D. Zheng, **E. Guler**, C. Peng, G. Luo, L. Tian, and X. Cao, “Dependence-Aware service function chain embedding in optical networks,” in IEEE ICC: Optical Networks and Systems Symposium, (Shanghai, P.R. China), May 2019.

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4. **E. Guler**, D. Zheng, G. Luo, L. Tian, and X. Cao, "Embedding multicast services in optical networks with fanout limitation," in IEEE ICC: Optical Networks and Systems Symposium, May 2018.
5. **E. Guler**, D. Zheng, G. Luo, L. Tian, and X. Cao, "Virtual multicast tree embedding over elastic optical networks," in IEEE Global Communications Conference (GLOBECOM), (Singapore), Dec. 2017.
6. M. Jalalitarbar, **E. Guler**, G. Luo, L. Tian, and X. Cao, "Dependence-Aware service function chain design and mapping," in IEEE Global Communications Conference (GLOBECOM), (Singapore), Dec. 2017.
7. **E. Guler**, D. Zheng, G. Luo, L. Tian, and X. Cao, "Virtual multicast tree embedding in software-defined networking," in IEEE International Conference on Communications (ICC), May 2017.
8. **E. Guler**, G. Luo, K. Koneru, and X. Cao, "Closeness-centrality based multicast-aware virtual network embedding," in IEEE Global Communications Conference (GLOBECOM), pp. 1–6, Dec. 2016.
9. S. Uludag, M. Karakus, and **E. Guler**, "Low-complexity 3d target tracking in wireless aerial sensor networks," in IEEE International Conference on Communications (ICC), pp. 373–378, June 2014.
10. S. Uludag, M. Karakus, **E. Guler**, S. W. Turner, and A. Kita, "Assessment of a frugal, virtual and green computing lab infrastructure of the future," in Frontiers in Education (FIE), 2012 International Conference, Oct. 2012.
11. **E. Guler**, S. Uludag, M. Karakus, and S. W. Turner, "Virtualized lab infrastructure on a budget for various computing and engineering courses," in Information Technology Based Higher Education and Training (ITHET), 2012 International Conference on, pp. 1 –7, June 2012.
12. M. Karakus, S. Uludag, **E. Guler**, S. W. Turner, and A. Ugur, "Teaching computing and programming fundamentals via app inventor for android," in Information Technology Based Higher Education and Training (ITHET), 2012 International Conference on, pp. 1 –8, June 2012.