Hasan Ferit Eniser

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Education

Latest GPA: 3.91 / 4

2019–Today	Ph.D., Max Planck Institute for Software Systems
	Thesis Topic: Program Analysis of Deep Neural Networks
	Advised by Dr. Maria Christakis
2015–2017	M.Sc., Computer Engineering, Bogazici University
	Thesis Title: Service Virtualization Using Recorded Interactions
	Advised by Prof. Alper Sen
2010–2015	B.Sc., Computer Engineering, Bogazici University
	Senior Project: Eclipse Abstract Syntax Tree Mutation
	Senior Project Supervisor: Prof. Alper Sen

Work Experience

2017–2019	Teaching Assistant, Computer Engineering, Bogazici University
	Reference: Prof. Tuna Tugcu
2015–2017	Python Software Developer, Yupana Inc.
	Reference: Dr. Gurkan Gur
Summer 2014	Summer Intern, IST Austria
	Reference: Prof. Krishnendu Chatterjee
Summer 2013	Summer Intern, UPC-Barcelona
	Reference: Prof. Ilker Demirkol

Teaching Assistant

Fall 2018	CmpE 343, Probabilty and Statistics
Spring 2018	CmpE 230, Systems Programming
Spring 2018	CmpE 260, Programming Languages
Fall 2017	CmpE 343, Probabilty and Statistics

Technical Skills

Programming	Java, Python, Matlab, x86 Assembly, Django Web Development, Android Mobile Development
Machine Learning	TensorFlow, Keras, Scikit-Learn
Systems	Unix and Windows environments, Tomcat, SQL, Svn, Git

Miscellaneous

Summer School

2nd **FOPSS** Summer School - Logic and Learning (University of Oxford, 1-6 July 2018)

Languages

English	I studied in an English educated university.
Chinese	I have taken CHIN101 and CHIN102 classes.

Test Scores

IELTS	Listening: 7.0 · Reading: 7.0 · Writing: 7.0 · Speaking: 7.0. *(Over 9.0)*
ALES	Score: 96 / 100, Ranking: 206th in 230026.

Publications

Preprints available upon request.

Journals

[1] Eniser, H. F., & Sen, A. (2018). Virtualization of Stateful Services via Machine Learning. Submitted to Software Quality Journal (Submitted to **SQJ**).

International Conferences

[1] Gerasimou, S., Enişer, H. F., Sen, A. & Cakan, A. Importance-Driven Deep Learning System Testing . **Submitted to ICSE 2020**.

[2] Enişer, H. F., Gerasimou, S. & Sen, A. DeepFault: Fault Localization For Deep Neural Networks. **FASE** 2019.

[3] Enişer, H. F., & Sen, A. (2018, May). Testing service oriented architectures using stateful service visualization via machine learning. In Proceedings of the 13th International Workshop on Automation of Software Test (**AST**) (pp. 9-15).

[4] Eniser, H. F., Sen, A., & Polat, S. O. (2018, April). Fancymock: creating virtual services from transactions. In Proceedings of the 33rd Annual ACM Symposium on Applied Computing (**SAC SE**) (pp. 1576-1578).

[5] Svoreňová, M., Chmelík, M., Leahy, K., Eniser, H. F., Chatterjee, K., Černá, I., & Belta, C. (2015, April). Temporal logic motion planning using POMDPs with parity objectives: case study paper. In Proceedings of the 18th International Conference on Hybrid Systems: Computation and Control (**HSCC**) (pp. 233-238).

Local Conferences

[1] Eniser, H. F., & Sen, A. (2018, Haziran) Durumsal Servislerin Sanallastırılması. In Proceedings of the 12th **UYMS**. *(Best Paper Award)*

[2] Eniser, H. F., Sen, A., & Polat, S. O. (2017, Haziran) Otomatik Sanal Servis Olusturma. In Proceedings of the 11th **UYMS**.

Theses and dissertations

[1] Eniser, H. F.. (2017). Service Virtualization Using Recorded Interactionss. M.Sc. Dissertation. Bogazici University

Posters

[1] Enişer, H. F., & Gerasimou, S., Sen, A. DeepFault: Fault Localization For Deep Neural Networks. **FASE Poster Session** 2019.

[2] Eniser, H. F., Chmelik, M., & Chatterjee, K. (2014). Temporal logic motion planning using POMDPs with parity objectives. **ISTerns Poster Session**, IST Austria, Klosterneuburg, Austria.

References

Dr. Maria Christakis - maria@mpi-sws.org
Prof. Ethem Alpaydin - alpaydin@boun.edu.tr
Dr. Gurkan Gur - gurkan.gur@gmail.com
Dr. Simos Gerasimou - simos.gerasimou@york.ac.uk