Young-Duk Seo

Assistant Professor
Department of Data Science
College of Software Convergence, Sejong University

Contact info.

(Tel): +82-2-6935-2483
(E-mail): mysid88@sejong.ac.kr
(Homepage): https://mysid88.github.io/homepage/home.html

Research Interests

I work on big data analytics, data mining, and software engineering

- Recommender systems

- Text mining based on entity linking

- Smart farm

Education

2012.03 ~ 2018.02, Ph.D. in Computer Science & Engineering, Korea University
2008.03 ~ 2012.02, B.S. in Computer & Communication Engineering, Korea University
2004.03 ~ 2007.02, Goyang Foreign Language High School

Experience

2019.03 ~ Current, Assistant Professor, Sejong University
2018.09 ~ 2019.02, Post-Doc, Sejong University
2018.03 ~ 2018.08, Research professor, Korea University

Publication

[1]. Euijong Lee, Young-Gab Kim, **Young-Duk Seo***, Doo-Kwon Baik, *Self-Adaptive Framework with Game Theoretic Decision Making for Internet of Things*, **TENCON 2018**: International technical conference of IEEE Region 10.

[2]. **Young-Duk Seo***, Young-Gab Kim, Euijong Lee, Kwang-Soo Seol, Doo-Kwon Baik, *An enhanced aggregation method considering deviations for a group recommendation*, **Expert Systems with Applications**. 93, 2018.

[3]. **Young-Duk Seo***, Young-Gab Kim, Euijong Lee, Kwang-Soo Seol, Doo-Kwon Baik, *Design of a smart greenhouse system based on MAPE-K and ISO/IEC-11179*, **ICCE 2018**: IEEE International Conference on Consumer Electronics.

[4]. Hyunjin Choi, Jangwon Gim, **Young-Duk Seo***, Doo-Kwon Baik, *VPL-Based Big Data Analysis System: UDAS*, **IEEE Access**. 6, 2018.

[5]. Kwangsoo Seol, Young-Gab Kim, Euijong Lee, **Young-Duk Seo***, Doo-Kwon Baik, *Privacy-preserving attribute-based access control model for XML-based electronic health record system*, **IEEE Access**. 6, 2018.

[6]. Euijong Lee, Young-Gab Kim, **Young-Duk Seo***, Kwangsoo Seol, Doo-Kwon Baik, *RINGA: Design and*

verification of finite state machine for self-adaptive software at runtime, **Information and Software Technology**. 93, 2018.

[7]. Euijong Lee, Young-Gab Kim, **Young-Duk Seo***, Kwangsoo Seol, Doo-Kwon Baik, *An Evaluation Method for Content Analysis Based on Twitter Content Influence*, **IJSEKE**: International Journal of Software Engineering and Knowledge Engineering. 27(5), 2017.

[8]. Euijong Lee, Young-Gab Kim, **Young-Duk Seo***, Kwangsoo Seol, Doo-Kwon Baik, *Runtime verification method for self-adaptive software using reachability of transition system model*, **SAC 2017**: Proceedings of the Symposium on Applied Computing.

[9]. **Young-Duk Seo***, Young-Gab Kim, Euijong Lee, Doo-Kwon Baik, *Personalized recommender system based on friendship strength in social network services*, **Expert Systems with Applications**. 69, 2017. [pdf]

Courses

2019 Spring, Web Programming, Sejong University
2018 Spring, Web Programming, Sungshin Women's University
2018 Spring, Data Structure, Korea University