

IDENTIFYING INFORMATION:

NAME: Bisgin, Halil

ORCID iD: <https://orcid.org/0000-0001-6874-168X>

POSITION TITLE: Professor of Computer Science

PRIMARY ORGANIZATION AND LOCATION: University of Michigan-Flint, Flint, Michigan, United States**Professional Preparation:**

ORGANIZATION AND LOCATION	DEGREE (if applicable)	RECEIPT DATE	FIELD OF STUDY
National Center for Toxicological Research - U.S. FDA, Jefferson, AR, United States	Postdoctoral Fellow	12/2008 - 08/2015	Bioinformatics
University of Arkansas at Little Rock, Little Rock, AR, United States	MS	08/2008 - 12/2012	Applied Computing
University of Arkansas at Little Rock, Little Rock, AR, United States	PHD	08/2008 - 12/2012	Integrated Computing-Computer Science
Istanbul Technical University, Istanbul, Istanbul, Turkey	MS	09/2004 - 01/2008	Computational Science and Engineering
Koc University, Istanbul, Istanbul, Turkey	BS	09/1998 - 06/2003	Mathematics

Appointments and Positions

2025 - present	Professor of Computer Science, University of Michigan-Flint, Flint, Michigan, United States
2022 - 2022	Visiting Faculty, University of Zurich, Zurich, Not Applicable, N/A, Switzerland
2021 - 2025	Associate Professor of Computer Science, University of Michigan-Flint, Flint, MI, United States
2019 - 2019	ORISE Faculty Fellow, National Center for Toxicological Research- U.S. FDA, Jefferson, AR, United States
2018 - 2018	ORISE Faculty Fellow, National Center for Toxicological Research- U.S. FDA, Jefferson, AR, United States
2016 - 2016	ORISE Faculty Fellow, National Center for Toxicological Research- U.S. FDA, Jefferson, AR, United States
2015 - 2021	Assistant Professor of Computer Science, University of Michigan-Flint, Flint, MI, United States
2013 - 2015	Adjunct Professor of Computer Science, University of Arkansas at Little Rock, Little Rock, AR, United States
2012 - 2015	ORISE Research Participant, National Center for Toxicological Research- U.S. FDA, Jefferson, AR, United States

Products

Products Most Closely Related to the Proposed Project

1. Judd TE, Bisgin H, Derani M, Huseinović A, Uludag S. Coalescing research into modular and safe educational cybersecurity labs with AI solutions. In the Proceedings of 2024 IEEE Frontiers in Education Conference (FIE) (FIE 2024), Washington, USA. 2024 October.
2. Korkmaz Y, Huseinovic A, Bisgin H, Mrdovic S, Uludag S. Using Deep Learning for Detecting Mirroring Attacks on Smart Grid PMU Networks. 2022 International Balkan Conference on Communications and Networking (BalkanCom). 2022 International Balkan Conference on Communications and Networking (BalkanCom); ; Sarajevo, Bosnia and Herzegovina. IEEE; c2022. Available from: <https://ieeexplore.ieee.org/document/9900658/> DOI: 10.1109/BalkanCom55633.2022.9900658
3. Bisgin Halil, Mohsen Fadi, Nwobodo Vincent, Havens Rachael. Enhancing malware detection in Android application by incorporating broadcast receivers. International Journal of Information Privacy, Security and Integrity. 2021; 5(1):36--68.
4. Mohsen Fadi, Abdelhaq Hamed, Bisgin Halil. Security-centric ranking algorithm and two privacy scores to mitigate intrusive apps. Concurrency and Computation: Practice and Experience. 2021; :e6571.
5. Kagnici O, Bisgin H, Uludag S. Evaluating the Efficacy of GPT-based Password Generation on Real World Data. ; National Science Foundation (NSF) SaTC; c2025.

Other Significant Products, Whether or Not Related to the Proposed Project

1. Bisgin Halil, Bera Tanmay, Ding Hongjian, Semey Howard G, Wu Leihong, Liu Zhichao, Barnes Amy E, Langley Darryl A, Pava-Ripoll Monica, Vyas Himansu J, others. Comparing SVM and ANN based machine learning methods for species identification of food contaminating beetles. Scientific Reports. 2018; 8(1):1--12.
2. Mohsen Fadi, Bisgin Halil, Scott Zachary, Strait Kyle. Detecting android malwares by mining statically registered broadcast receivers. 2017 IEEE 3rd International Conference on Collaboration and Internet Computing (CIC); 2017; c2017.
3. Montenegro Fernando, Bisgin Halil, Mohsen Fadi, Sobers Nikita Mary. Predicting Intrusiveness of Android Apps by Applying LSTM Networks on Their Descriptions. Proceedings of the Future Technologies Conference; 2020; c2020.
4. Mohsen Fadi, Abdelhaq Hamed, Bisgin Halil, Jolly Andrew, Szczepanski Michael. Countering Intrusiveness Using New Security-Centric Ranking Algorithm Built on Top of Elasticsearch. 2018 17th IEEE International Conference On Trust, Security And Privacy In Computing And Communications/12th IEEE International Conference On Big Data Science And Engineering (TrustCom/BigDataSE); 2018; c2018.
5. Kagnici O, Bisgin H, Uludag S. A Comparative Study of Large Language Models for Human-Like Password Generation and Predictability. ; IEEE; c2025.

Certification:

I certify that the information provided is current, accurate, and complete. This includes, but is not limited to, information related to current, pending, and other support (both foreign and domestic) as defined in 42 U.S.C. § 6605.

In accordance with Section 10632 of the CHIPS and Science Act of 2022 (42 U.S.C. § 19232), each individual identified as a senior/key person must certify that they are not a party to a malign foreign talent recruitment program.

Research Security Training Requirement for Federal Award Personnel: In accordance with Section 10634 of the CHIPS and Science Act of 2022 (42 U.S.C. § 19234), each individual identified as a senior/key person must certify that they have completed the requisite research security training that meets the requirements specified in Item 2 of Important Notice No. 149 within 12 months prior to proposal submission.

Certified by Bisgin, Halil in SciENCv on 2026-07-08 18:25:46