

# Hamed Yaghoobian

Department of Math & Computer Science  
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## EDUCATION

- Ph.D. Computer Science, University of Georgia, Athens, GA, 2021  
Thesis: Structure-and Context-aware NLP Approaches to Emotion and Subjectivity  
Advisor: Khaled Rasheed
- B.Sc. Electrical Engineering, Azad University, Mashhad Branch, Iran, 2011  
Thesis: Design and implementation of a DSP-based speech noise cancellation system on Altera Cyclone II FPGA

## APPOINTMENTS

2021–present Department of Computer Science, Muhlenberg College, Allentown, PA  
*Assistant Professor*

## RESEARCH AREAS

Natural Language Processing (NLP), Human-Computer Interaction (HCI), Science and Technology Studies (STS)

## TEACHING EXPERIENCE

### Muhlenberg College, Math & Computer Science Department

#### Assistant Professor

Fall 2021 Introduction to Game Programming with Python (n=32)  
Computer Networks (n=12)

Spring 2022 Introduction to Game Programming with Python (n=11)  
Computer Organization (n=26)

### University of Georgia, Computer Science Department

#### Instructor of Record

2020–2021 Topics in Computing (n=40)

2018–2019 Graduate Teaching Seminar (n=30)

### Lab Instructor

2020 Introduction to Computing and Programming (n=90)

### Teaching Assistant

2020 Computer Architecture

2017–2019 Computer Networks

2017 Software Development

2016 Discrete Mathematics for Computer Science

### Azad University, Mashhad Branch, Electrical and Computer Engineering Department

#### Undergraduate Teaching Assistant

2011 Computer Architecture

### Academic Center for Education, Culture and Research, Iran, Language & Literacy Ed. Department

2007–2016 English as a Second Language (ESL) Teacher

## PUBLICATIONS

\* indicates equal contribution.

### Articles in Peer-Reviewed Journals

2022 Kuecker, E., **Yaghoobian, H.** “When Word Processing was a Focal Practice.” in preparation.

2021 Kuecker, E., Harris, M., Tesler, J., **Yaghoobian, H.** “The Ethos of Citation in Qualitative Research Methodology.” *Reconceptualizing Educational Research Methodology (RERM '21)*.

### Conference Proceedings

2022 **Yaghoobian\*, H.**, Rezayi\*, S., Arabnia, H., Rasheed, K. “Experience Affected in the Act of Remembering: A Study of Discursivity of Verb Tense Shifts in Memory Narrative.” *2022 International Conference on Computational Linguistics (COLING 2022)*, to be submitted.

2021 **Yaghoobian, H.**, Kuecker, E. “Phenomenology of Word Processing Software.” *The Association for Computers and the Humanities (ACH '21)*.

2021 **Yaghoobian\*, H.**, Kuecker\*, E. “Ethics of Critical Engagement in Positivist Enterprises.” *Southeast Philosophy of Education Society (SEPES '21)*.

2014 Alipoor, A., Shaerbafe, S., Khazaei, A., **Yaghoobian, H.** “A Novel Multicarrier Transmission Chaotic Communication System.” *SASTech 8<sup>th</sup>*

2011 **Yaghoobian, H.**, Khazaei, A., Zarchi, M., Hosayni, J. “Modeling of a Robust and Fast Noise Cancellation System.” *UKSim 5<sup>th</sup> European Symposium on Computer Modeling and Simulation Annual Meeting, IEEE*. [doi.org/10.1109/EMS.2011.78](https://doi.org/10.1109/EMS.2011.78)

## Abstracts & Posters

- 2021 **Yaghoobian, H.** “Pedagogical Possibilities of Critical Engagement in Introductory CS Education.” 52<sup>nd</sup> *ACM Technical Symposium on Computer Science Education (SIGCSE)*, [doi.org/10.1145/3408877.3439659](https://doi.org/10.1145/3408877.3439659)

## Reports, Working Papers, and Other Publications

- 2020 **Yaghoobian, H.** “A quick guide to post-cartesian subjectivity.” [bit.ly/postsubjectivity](https://bit.ly/postsubjectivity). May 10.

## Manuscripts in Preparation

- 2021 **Yaghoobian, H.** “Emotionality and Discursivity of Verb Tense Shift in Autobiographical Memory Narratives of the 2016 Presidential Election: A Quantitative Study” Target: *Journal of Cultural Analytics*.
- 2021 **Yaghoobian, H.,** Arabnia, H., Li, S., Rasheed, K. “Performance Analysis of Pre-trained Neural Language Models for Natural Language Processing: A Review Study”.

## CERTIFICATES

- 2020 Interdisciplinary Certificate in University Teaching, Graduate School, University of Georgia

## GRANTS AND AWARDS

### Awards and Honors

- 2019 Outstanding Teaching Assistant Award
- 2018 Graduate School Teaching Seminar Assistantship Award

### Grants and Scholarships

- 2019 Student Scholarship Award, Professional Organization of Iranian Americans

## SERVICE

- 2021– Reviewer, [The Association for Computers and the Humanities](#)
- 2020–2021 Co-organizer, [UGA Critical Reading Group](#)

## LANGUAGE

- Persian (Native)