

# FAHIMEH EBRAHIMI

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## EDUCATION

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- **Louisiana State University** Baton Rouge, LA  
*Ph.D. in Computer Science; GPA: 4.1* *Jan. 2018 – Present*
- **Amirkabir University of Technology** Tehran, Iran  
*Master of Science in Information Technology Engineering; GPA: 4.0* *Sep. 2013 – Oct. 2015*
- **Amirkabir University of Technology** Tehran, Iran  
*Bachelor of Science in Information Technology Engineering; GPA: 3.52* *Sep. 2009 – Sep. 2013*

## RESEARCH INTEREST

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Software Engineering | Requirement Engineering | Mining Software Repositories | Mobile app privacy and digital discrimination | Natural Language Processing

## PUBLICATIONS

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1. **F. Ebrahimi** and A. Mahmoud, “*Unsupervised Summarization of Privacy Concerns in Mobile Application Reviews*”, International Conference on Automated Software Engineering (**ASE 2022**)
2. M. Tushev, **F. Ebrahimi**, and A. Mahmoud, “*A Systematic Literature Review of Anti-Discrimination Design Strategies in the Digital Sharing Economy*”, IEEE Transactions on Software Engineering (**TSE 2022**)
3. M. Tushev, **F. Ebrahimi**, and A. Mahmoud, “*Domain-Specific Analysis of Mobile App Reviews Using Keyword-Assisted Topic Models*”, International Conference on Software Engineering (**ICSE 2022**, Acceptance Rate: 26%)
4. **F. Ebrahimi**, M. Tushev, and A. Mahmoud, “*Classifying Mobile Applications using Word Embedding*”, ACM Transactions on Software Engineering and Methodology (**TOSEM 2021**)
5. M. Tushev, **F. Ebrahimi**, and A. Mahmoud, “*Analysis of Non-Discrimination Policies in Sharing Economy*”, International Conference on Software Maintenance and Evolution (**ICSME 2021**, Acceptance Rate: 24%)
6. **F. Ebrahimi**, M. Tushev, and A. Mahmoud, “*Mobile App Privacy in Software Engineering Research: A Systematic Mapping Study*”, Information and Software Technology (**IST 2020**)
7. G. Williams, M. Tushev, **F. Ebrahimi**, and A. Mahmoud, “*Modeling User Concerns in Sharing Economy: The Case of Food Delivery Apps*”, Automated Software Engineering (**ASEJ 2020**)
8. M. Tushev, **F. Ebrahimi**, and A. Mahmoud, “*Digital Discrimination in Sharing Economy: An RE Perspective*”, IEEE Requirements Engineering Conference (**RE 2020**)
9. **F. Ebrahimi** and S. A. H. Golpayegani, “*Personalized Recommender System Based on Social Relations*”, Conference on Electrical Engineering (2016)

## EXPERIENCES

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- **Louisiana State University** Baton Rouge, LA  
*Research and Teaching Assistant* *Spring 2018 - present*
  - **Research Assistant:** Research on user privacy concerns, app store analysis, app classification, etc.
  - **Teaching Assistant:** Teaching Python in LSU 2019 CSE K12 Summer Camps, Teaching Operating Systems, Stats & Graph MATLAB, and Numerical Methods.
- **Septa Co.** Tehran, Iran  
*Mobile Developer* *Dec 2015 - Nov 2017*
  - **Android & iOS:** Design and develop the mobile application of the company’s CRM.
- **Paya System Solution** Tehran, Iran  
*Database Developer (Internship)* *May 2012 - Sep 2012*
  - **SQL Database:** Design, implement, and maintain the company’s database.

## PROFESSIONAL SERVICES

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- **Shadow PC:** Mining Software Repositories (MSR'21 and MSR'22)
- **Reviewer:** Information and Software Technology (IST)
- **Sub Reviewer:** IEEE Transactions on Software Engineering (TSE) | International Conference on Software Engineering Demonstrations (ICSE Demo'21) | Requirement Engineering (RE)
- **Student Volunteer:** International Requirement Engineering Conference (RE'21) | International Conference on Software Engineering (ICSE'21) | International Symposium on Software Testing and Analysis (ISSTA'20)

## HONORS & AWARDS

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- Awarded a 2021 Grace Hopper Celebration (GHC) Student Scholarship.
- Awarded the LSU Graduate School Economic Development Assistantship (\$100,000).
- Poster presenter at 2020 Grace Hopper Celebration (GHC).
- NSF travel award to attend StringBio workshop, 2018.
- Awarded as Outstanding Student in Amirkabir University of Technology, 2011.
- 2<sup>nd</sup> place award among M.Sc. students in Amirkabir University of Technology, 2015.
- 2<sup>nd</sup> place award among B.Sc. students in Amirkabir University of Technology, 2013.
- Honorary admission for the graduate study program at the Amirkabir University of Technology, 2013.
- Ranked top 0.1% in the Iranian nationwide university entrance examination among 400,000 participants, 2009.

## TECHNICAL SKILLS

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- **Programming Languages:** Python | Java | C# | C
- **Data Science & Statistics:** SAS | Keras | Tensorflow | Gensim | NTLK | StanfordNLP | Numpy | Pandas | Sklearn
- **Mobile Development:** Android | iOS | Xamarin | Flutter
- **Database Development:** MySQL
- **Web Development:** ASP.Net

## RELATED COURSEWORK

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Deep Learning | Natural Language Processing | Machine Learning | Statistics | Advanced Algorithm | Predictive Data Analysis | Programming Language Structures | Software Engineering | Advanced Operating System

## REFERENCES

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Available Upon Request