

FAHIMEH EBRAHIMI

Baton Rouge, LA | (225)328-2332 | Febrah1@lsu.edu | FahimehEbrahimi.github.io

EDUCATION

- **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

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

PUBLICATIONS

1. 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**)
2. 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%)
3. **F. Ebrahimi**, M. Tushev, and A. Mahmoud, “Classifying Mobile Applications using Word Embedding”, ACM Transactions on Software Engineering and Methodology (**TOSEM 2021**)
4. 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%)
5. **F. Ebrahimi**, M. Tushev, and A. Mahmoud, “Mobile App Privacy in Software Engineering Research: A Systematic Mapping Study”, Information and Software Technology (**IST 2020**)
6. 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**)
7. M. Tushev, **F. Ebrahimi**, and A. Mahmoud, “Digital Discrimination in Sharing Economy: An RE Perspective”, IEEE Requirements Engineering Conference (**RE 2020**)
8. **F. Ebrahimi** and S. A. H. Golpayegani, “Personalized Recommender System Based on Social Relations”, Conference on Electrical Engineering (2016)

EXPERIENCES

- **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

- **Shadow PC:** Mining Software Repositories (MSR'21 and MSR'22)
- **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

- 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.
- 2nd place award among M.Sc. students in Amirkabir University of Technology, 2015.
- 2nd 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

- **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

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

REFERENCES

Available Upon Request