

Shahbaz Rezaei

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🌐 shahbaz-rezaei

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📄 Google Scholar



Education

- 2017 – now 📖 **Ph.D. University of California at Davis** Computer and Information Science.
- 2011 – 2013 📖 **M.Sc. Sharif University of Technology** Information Technology (IT).
- 2006 – 2011 📖 **B.Sc. University of Science and Culture** Computer Engineering.

Research Projects

- 2019 – now 📖 **Deep Learning's Security & Privacy**
Publications in ICLR, CVPR, IEEE S&P
- 2017 – 2019 📖 **Network Traffic Classification Using Machine Learning**
Publications in IEEE Communications Magazine, ICDM, ICCCN
- 2019 – now 📖 **Application of Machine Learning on health care, swine industry, etc.**
Publications in JMIR mHealth and uHealth and Frontiers in Veterinary Science
- 2013 – 2017 📖 **Proposing and Modeling Efficient Routing Protocol for Wireless Networks**
Publications in IEEE Tran. on Communications, IEEE TNSE, Computer Networks, etc.

Employment History

- 2022 – 2022 📖 **ML Research Scientist Internship.** Summer internship at Bosch.
- 2017 – now 📖 **Graduate Researcher.** University of California at Davis.

Academic Activities

- 2016 – now 📖 **Reviewer**
IEEE Network Magazine, IEEE/ACM ToN, IEEE TIFS, IEEE TDSC, IEEE TETC, IEEE TGCN, IEEE TSNM, Computer Communication, IEEE WC Letters, etc.
- 2017 – 2017 📖 **Teaching Assistant** UC Davis
Probability & Statistics (Prof.Dipak Ghosal).
- 2015 – 2016 📖 **Instructor** University of Science and Culture (Iran)
Advanced Programming Language (C++).
- 2016 – 2016 📖 **Instructor** Eyvanekey University (Iran)
Computer Networks, Network Lab, English for Computer Engineering.
- 2012 – 2017 📖 **Teaching Assistant** Sharif University of Technology
Wireless Network (Dr.Gharib), Wireless Communication (Dr.Hemmatyar), Wireless Network (Dr.Hemmatyar), Network Laboratory (Dr.Kharazi).

Skills


- Coding/Modules 📖 Python, C++, HTML, \LaTeX , PyTorch, Keras, Scikit-learn
- ML Related 📖 Computer vision, Time series analysis, Rudimentary knowledge of NLP
- Network Skill 📖 MCSE (expired in 2012), Passed CCNA, CCNP courses, LAN switching & routing


Miscellaneous Experience

Awards and Achievements

2021  **Best Graduate Researcher Award**, at UC Davis.

Independent Projects

2014  **La Koron Tuner**, developing an Android app for tuning all Western and middle eastern instruments, available at cafebazaar.ir

2013  **Irrational Metronome**, developing an Android App supporting all complex and irrational rhythms, available at cafebazaar.ir