



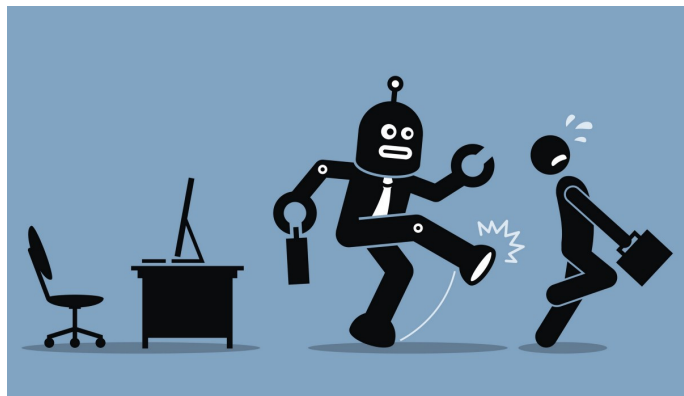
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## The Future of Jobs

One of the growing concerns of our society is whether our jobs are going to be taken by robots and artificial intelligence. With the developments in the field of deep learning and rise of autonomous vehicles, drones, etc it seems reasonable that many jobs would be affected or even become extinct. A famous paper by Frey and Osborne<sup>1</sup> started scientifically approaching this problem to find out which jobs are more prone to computerization. A paper from our group<sup>2</sup> which built upon that shed more light on the problem and dug deeper into the details of the tasks performed in the jobs to explain what aspects of the jobs might be computerized.

In this thesis we are going to incorporate data scientific approaches and theory to further investigate the future of jobs. We would be glad if you have some ideas of your own too.

**Requirements:** Strong motivation, in addition to basic skills and knowledge in programming and statistics, or interest in learning them.



**Interested? Please contact us for more details!**

### Contact

- Aryaz Eghbali: [aeghbali@ethz.ch](mailto:aeghbali@ethz.ch), ETZ G60.1

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<sup>1</sup>Carl B. Frey, and Michael A. Osborne. “The future of employment: how susceptible are jobs to computerisation?.” *Technological forecasting and social change* 114 (2017): 254-280.

<sup>2</sup>Philipp Brandes, and Roger Wattenhofer, “Opening the Frey/Osborne Black Box: Which Tasks of a Job are Susceptible to Computerization?” <https://arxiv.org/abs/1604.08823>