

# Mobile Face Liveness Detection

---

**SAMSUNG R&D INSTITUTE RUS (SRR)**

Algorithm research team /  
Biometric Algorithm Lab

Iurii Efimov

October 11



# Face Liveness



How Bkav tricked iPhone X's Face ID with a mask



Bkav Corp

[Подписаться](#) 7,38 тыс.

1 374 327 просмотров

[+](#) [Добавить в](#) [Поделиться](#) [...](#) [Ещё](#)

[👍](#) 3 068 [💬](#) 1 033



# Requirements

---



- Reading of papers
- Dataset collection
- Python
- PyTorch

# Possible tasks

---

- Implementation of NNs architectures (training, testing, error analysis)
- Implementation of custom layers
- Performance analysis: accuracy, time, memory

# Contacts

---

## Iurii Efimov

**T:** +7 (495) 797-2500 ext 3524

**M:** +7 (915) 158-8069

**E:** [i.fimov@samsung.com](mailto:i.fimov@samsung.com)

**A:** Office 1500, 12, bldg.1, Dvintsev st.,  
Moscow, 127018, Russia

**THANK YOU!**

**감사합니다!**

**СПАСИБО!**

**SAMSUNG**