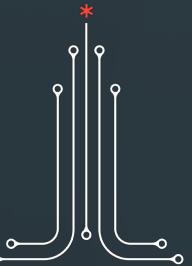




HACK.MOSCOW

# CORRUPTION KOMBAT



DECLARATOR. FCK CORRUPTION



SERGEY KUROCHKIN  
MAKSIM SHEVCHENKO

# APP FOR SOCIAL GOODS



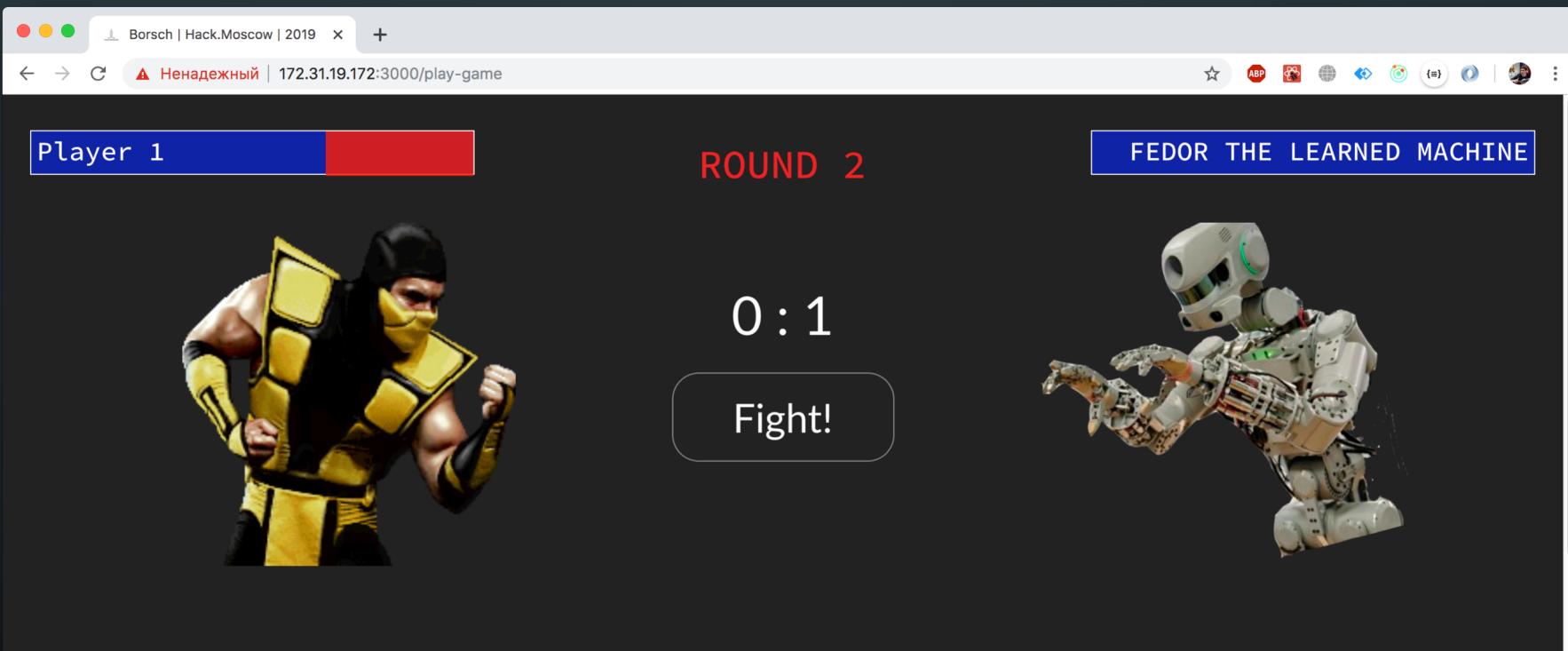
Society knows too little about those who run the state



Government reports and statistics do not reveal comprehensive information on costs of state machinery to citizens

Anti-corruption declarations can be used to directly acquaint citizens with the property status of officials through the game

# THE MAIN IDEA



# THE MAIN IDEA

Borsch | Hack.Moscow | 2019 × +  
Ненадежный | 172.31.19.172:3000/play-game

Player 1      ROUND 2      FEDOR THE LEARNED MACHINE

Monthly income 120,000 ₽  
120      Confirm

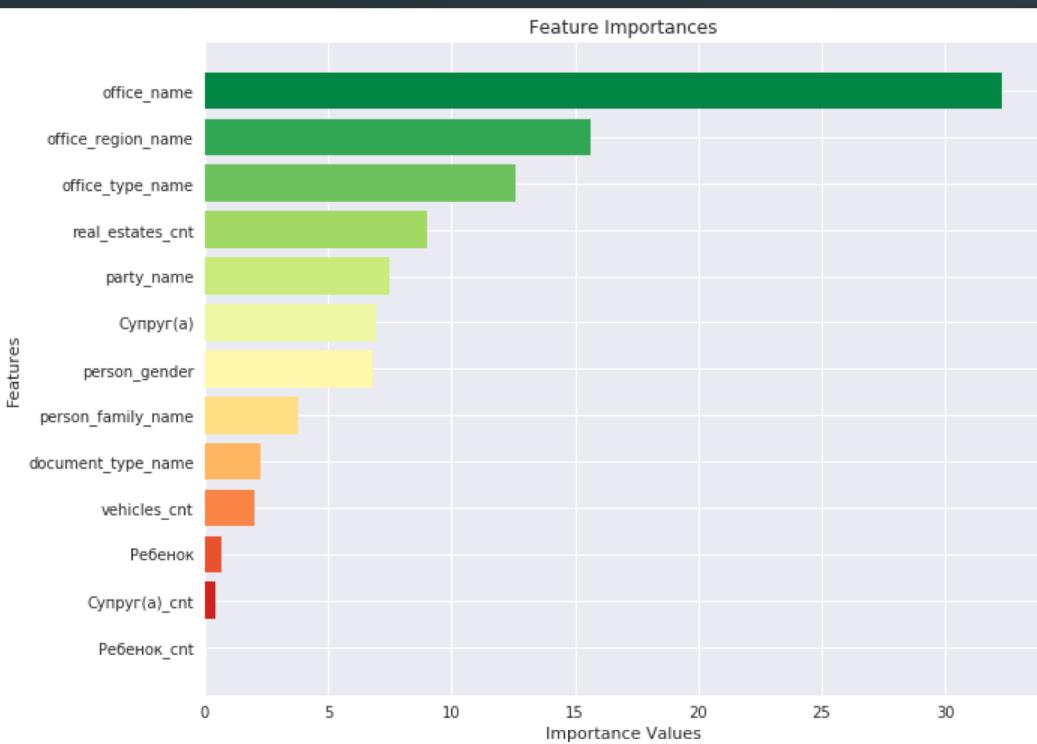
Real estate

Property Type	Area / Description
Земельный участок	758 m <sup>2</sup>
Жилой дом	522.9 m <sup>2</sup>
Земельный участок	464 m <sup>2</sup>
Земельный участок	758 m <sup>2</sup>
Земельный участок	1028 m <sup>2</sup>
Жилой дом	80.6 m <sup>2</sup>
Жилой дом	522.9 m <sup>2</sup>
Квартира	48.4 m <sup>2</sup>
Квартира	83.3 m <sup>2</sup>
Квартира	96.7 m <sup>2</sup>
Гараж	57.1 m <sup>2</sup>
Иное	68 m <sup>2</sup>
Иное	131.1 m <sup>2</sup>
Земельный участок	758 m <sup>2</sup>
Земельный участок	758 m <sup>2</sup>

Темрезов Рашид  
Бориспиевич  
NO PARTY  
Карачаево-Черкесская республика, Глава  
Карачаево-Черкесской республики



# FEDOR THE LEARNED MACHINE



Machine learning algorithm:



CatBoost

Model quality:

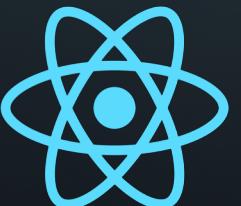
$$MAE = \frac{1}{n} \sum_{i=1}^n |y_i - \hat{y}_i| \approx 62 \text{ K RUB}$$



# SOLUTION STACK



CLIENT SIDE



SERVER SIDE



# BORSCH CREW



SERGEY KUROCHKIN  
FRONT-END DEV



МАКСИМ СЕВЧЕНКО  
DATA SCIENTIST