

# Elvin Aghammadzada

DATA SCIENTIST · SOFTWARE ENGINEER

Baku, Azerbaijan

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## Work Experience

### MPAY Ltd.

Baku, Azerbaijan

DATA ENGINEER

Jun. 2020 - May. 2021

- Manipulating, preprocessing, and extracting insights from large disconnected financial datasets from PostgreSQL, SQL Server, and AWS
- Implementing internal process improvements: automating manual processes with Python, optimizing data delivery, re-designing infrastructure for greater scalability
- Working with stakeholders including the Executive, and Product Leads to assist with data-related technical issues, supporting their data infrastructure needs, and presenting weekly reports

### E-Gov

Baku, Azerbaijan

DATA SCIENTIST & SOFTWARE ENGINEER

Jan. 2019 - Jun. 2020

- Analysis of data with the help of libraries of Python (Pandas, Numpy, Seaborn, Scikit-Learn)
- Using NLTK and SoTA models to implement Natural Language Processing applications

## Honors & Awards

### INTERNATIONAL

2020 **Winner**, Global Deftech Hackathon

Baku, Azerbaijan

2020 **Finalist**, Euroasian Startup Awards Festival

Tbilisi, Georgia

### DOMESTIC

2015 **3rd Place**, Chemistry Olympiad

Baku, Azerbaijan

2017 **Finalist**, Azercell Competitive Programming Competition Final

Baku, Azerbaijan

## Projects

### VRSoldiers

Baku, Azerbaijan

TEAM LEADER AND PITCHER

Dec, 2020

- Focusing on augmenting soldier performance through Virtual Reality. Got 10K USD seed funding for the startup.
- Developed VR environments recreate the actual war scenes in a virtual, yet safe world. This way, soldiers get trained on the 3D mapped VR area before going to the actual operations

### AI Review Analyzer

Baku, Azerbaijan

TEAM LEADER AND PITCHER

Dec, 2018

- An NLP project which analyzes a vast amount of reviews of customers in online shopping websites (Amazon, Aliexpress, eBay, etc.) and
- It does not only give customers feedback in the form of several words or sentences but also supports the details with the data visualization technics while perfecting itself with the ML model

### WaterMatter

Baku, Azerbaijan

TEAM LEADER AND PITCHER

Sep. 2020

- Real-time Solar energy powered IoT Application: A complex system of sensors is designed to acquire data from those sensors which is to be processed to be sent to the cloud where it is saved for further analysis. Data is now in the stage of the main Data Analysis and Machine Learning part. After the process is done to judge the cleanliness of the water, the result is sent to be displayed in terms of all 3 parts of the products; LCD on hardware, display of both web application, and mobile device.
- Image classification problem with Convolutional Neural Networks application, Water Cleanliness with CNN Keras Tensorflow. Model is trained on Google's Teachable Machines platform.

## Education

### Qafqaz University(Baku Engineering University )

Baku, Azerbaijan

B.S. IN COMPUTER SCIENCE AND ENGINEERING

Mar. 2015 - Aug. 2020

- Got a Excellence and Government Scholarship which is given to promising students in CSE Dept.