

# KUAT MADENIYET

8(777)2157438 ◊ [kuat.madeniyet@nu.edu.kz](mailto:kuat.madeniyet@nu.edu.kz) ◊ <https://github.com/kuat-madeniyet>

## EDUCATION

---

<b>Nazarbayev University</b> Bachelor of Engineering, Electrical and Computer Engineering	<i>September 2016 - June 2020</i>
<b>Alem Coding School</b> 01 Edu System coding school (same platform as School 42 in Silicon Valley)	<i>November 2019 - Present</i>
<b>Yessenov Data Lab</b> Data Science intensive summer school	<i>June 2019 - August 2019</i>
<b>Nazarbayev University</b> Foundation	<i>August 2015 - May 2016</i>
<b>Zhautykov Republican Physics and Mathematics School</b>	<i>September 2012 - May 2015</i>

## OBJECTIVE

---

Junior data scientist with 0.5 years of experience in project work. Skilled in machine learning, problem solving, and programming.

## PROJECTS

---

### Face recognition and automation. Observer

Observer face recognition system with CNN base is capable to identify multiple faces at live action. The system automates the process of going through check points with help of face recognition.

### Histopathological Cancer Image Classification via Deep Learning

This project addresses the issue of cancer type and sub-type classification using Deep Learning (Transfer Learning). Reported accuracy score is 91 - 99% across different models. The web application was deployed using Flask to utilize created deep learning models.

## TECHNICAL STRENGTHS

---

<b>Data analysis &amp; Deep learning</b>	Keras, Scikit-learn, Pandas, NumPy, XGBoost
<b>Languages</b>	Python3, GO
<b>Software &amp; Tools</b>	MS Office, Latex, Overleaf, MS Excel, Arduino IDE

## WORK EXPERIENCE

---

**Startup Observer, Astana**  
*Project Manager*

February 2018 - September 2018

- Full time project manager under this face recognition and automation startup. Learned and implemented various aspects such as financial report writing, presentation, strategic planning, market research.

**Nazarbayev University, Astana**  
*Research Assistant*

September 2019 - December 2019

- Part time Research Assistant at Big Data Analytics Lab. Constructing machine learning/deep learning pipelines for Image classification.