

MAKENOV ARNUR

✉ arnur.makenov@gmail.com

EDUCATION

Kazakh-Turkish Lyceum

September 2011 - June 2014

Republican Physics Mathematics School

September 2014 - June 2016

Korea Advanced Institute of Science and Technology

September 2016 - Present

Senior Undergraduate

CGPA: 3.70/4.3

Major in Chemical and Biomolecular Engineering

Double major in Computer Science

Coursework: Introduction to Numerical Methods, Data Structures, Algorithms

Software Engineering, Social Computing

WORK EXPERIENCE

Jury at the Regional Chemistry Olympiad

January 2016/2017

Scored papers and conducted claim session. Got experience working and coordinating with professors in checking papers.

Undegraduate Researcher

December 2017 - March 2018

Did research at Professor Doh Chang Lee's Lab at KAIST. Analyzed quantum dots primarily ZnSe QDs, and their coating. Achieved results in finding suitable solvents for better centrifugation.

Research Intern at A-STIN

June 2019 - August 2019

Tested different proportions of octyl and methyl shell structure to encapsulate sunscreen composition. The optimal composition was found

HONORS AND AWARDS

National Olympiad in Chemistry (Kazakhstan)

2 Gold (2015, 2016) medals

International Mendeleev Olympiad

1 Silver (2016) medal

International Chemistry Olympiad

1 Bronze (2015) and 1 Silver (2016) medals

International Bekturov Chemistry Olympiad

1 Gold (2016) medal and Nomination for Best Algorithm

School

Best Olympiad Student at RPhMS (2016)

TECHNICAL SKILLS

Prior experience

MATLAB, Java, Python, Aspen Plus, HTML, CSS, JavaScript, Android Studio

ADDITIONAL INFORMATION

Languages: English (fluent), Russian (native), Kazakh (native), Korean (intermediate), Turkish (intermediate)