

NURGAZY SEIDALIEV

✉ nks369@nyu.edu 🌐 @nursei7 📞 +971565883205

EDUCATION

New York University Abu Dhabi (NYU AD)

Bachelor of Science in Computer Science

Abu Dhabi, UAE

Aug 2018 – June 2022

- Cumulative GPA (CGPA): 3.37/4.0
- Full-Ride Scholarship

COURSEWORK

Introduction to Computer Science

1st semester

CS-UH – 1001

Grade: A

- One of the best performers on the course.

The end-result of the course was to implement a variation of the game Galaxia (1979, Zaccaria) in Python with Processing 3 (a GUI platform), complying with OOP (Objected-Oriented Programming) principles.

On the final presentation of the course projects, my game was played the most. You can find the implementation in my GitHub account at the top.

Algorithms and Data Structures

2nd semester

CS-UH – 1050/1052

Grades: A

- One of the best performers on the course.

Learnt fundamentals of algorithms and complexity analysis from the ancient Euclidean algorithm to computational geometry algorithms of the modern time, which are implemented in engineering.

Computer Systems Organization

3rd semester

CS-UH – 2010

Grade: TBA

- Created a plagiarism detector program using Rabin-Karp string hashing algorithm.

Optimized memory efficiency by using Bloom filters and sped up the program by implementing bit manipulation.

EXTRA ACTIVITIES

Competitive Programming Club

American University of Central Asia

Bishkek, Kyrgyzstan

Sep 2017 – Apr 2018

- Honored member of the club.

This is the pivot point when I got really involved into programming. I grew my passion in problem-solving and algorithms throughout the time. I was very active and one of the best performing students in the club, receiving the distinction.

- ACM ICPC NEERC honorable mention and qualifiers of the Kyrgyzstan Regional.

The Association of Computing Machinery (ACM) International Collegiate Programming Contest (ICPC) is the most prestigious annual competitive programming competition among teams of students from universities around the world. NEERC is a semifinal round abbreviated for North-Eastern European Programming Contest.

It was a great experience of working in a team – I learned a lot about proper division of the tasks, communication and organizing the team efforts efficiently.

HackNYUAD

Annual Student-Hosted Hackathon in NYU AD

Abu Dhabi, UAE

Oct 2018 – Oct 2018

- Absolute third place.

It was a great experience to enroll in the CS student community and get precious teamwork experience.