

## *Biography*

### *Nerses Aramyan*

Luys Scholar studying Mathematics and Physics at Massachusetts Institute of Technology, United States



Nerses Aramyan was born in Yerevan, in 1989, to a family of a priest. He showed his first interests in mathematics early in elementary school. In order to advance his knowledge, he began taking private classes in mathematics with his teacher Ms. Lyudmila Arshamovna. Besides delivering an excellent curricular training, those training sessions developed an appreciation for the beauty and aestheticism within mathematics. That appreciation was one of the core reasons, which drove him towards choosing mathematics as his career path later on in life.

At the age of 12, he entered the Phys-Math Magnet School in Yerevan where he began studying physics. Through his own efforts and the help and guidance of his teacher, Gagik Grigoryan, he developed deep interest in physics. In fact, he liked it so much that he was in a state of constant dilemma as to whether he would prefer physics or mathematics careerwise. He never resolved this dilemma in his high school years.

In parallel to his classes, he also took part in various mathematics and physics competitions. He was the champion in the national physics and mathematics olympiads as well as a bronze medalist in the international mathematics olympiad. One and a half years before his graduation from high school, he transferred to the Byurakn “Educational Center”. At this point, Nerses concentrated all his efforts on applications to the US universities. His efforts were successful, for at the end he got accepted to Massachusetts Institute of Technology (MIT).

He is currently in his fourth year of studies, and with plans of getting two degrees, one in mathematics and the other in physics.

He took a great deal of interesting courses and got involved in various research projects. Besides exploring his major interests, Nerses Aramyan learned a lot from other disciplines, such as electronics, computer science, music, etc.

At MIT, he eventually resolved his high school dilemma – he is pursuing a career in mathematics. He is currently in the process of applying to graduate schools in mathematics. More specifically, his interests currently lie in the field of algebraic topology, though, he plans to explore other fields of mathematics in graduate school as well.

Besides mathematics, Nerses Aramyan has several hobbies. One of those hobbies is playing classical guitar. Playing the guitar helps him relax, as well as it gives him deeper insight into the music that he is listening to. His favorite composers are Bach, Liszt, Rachmaninoff, and Shostakovich. He is also interested in electronics. He likes building circuits. Nerses Aramyan is always fascinated by what one tiny circuit can do. Currently, he is familiar only with analog electronics; however, he does plan to expand his knowledge to the digital domain as well.