# VALENTINA MEHRABYAN


+37477-225-245

valentina.mehrabyan@edu.ysu.am

55, Tsarav Aghbyur St, Yerevan

www.linkedin.com/in/վալենտինա-մեհրաբյան-0a207436a


## PROFESSIONAL SUMMARY

Motivated and detail-oriented chemistry student with hands-on experience in material synthesis and laboratory research. Strong focus on graphene oxide (GO) synthesis and surface analysis. Passionate about scientific exploration, laboratory precision, and innovative approaches to problem-solving.

## SKILLS

- Teamwork
- Creativity
- Adaptability
- Work ethic

## VOLUNTEERING AND MEMBERSHIPS

- Participation in conducting a course organized by the YSU Student Scientific Society and in organizational matters
- Member of the YSU Student Council

## EDUCATION

### GANDZAKHAR SECONDARY SCHOOL

Completed 12-year education with excellent academic performance
Graduation Year: 2022

### YEREVAN STATE UNIVERSITY

Chemistry, Department of Food Safety
3rd-year student | 2022 – Present

## RESEARCH ACTIVITY

- Study
- Successfully performed GO synthesis via chemical and electrochemical methods
- Gained hands-on experience with laboratory equipment and protocols
- Investigated solution behavior, precipitation, and filtration efficiency
- Applied analytical thinking to identify and solve practical challenges during the synthesis process

## LANGUAGES

- Armenian – Native
- Russian – Good
- English – Intermediate (B1), actively expanding scientific vocabulary

# WORK EXPERIENCE

- Institute of Chemical Physics NAS RA SNCO- worked as LCN team member
- Collaborated on interdisciplinary research projects within the LCN (Liquid Crystalline Nanosystems Research Group) team
- Gained hands-on experience in laboratory work related to nanomaterials and chemical physics
- Participated in experiments, data analysis, and materials characterization
- Contributed to problem-solving and optimization of synthesis processes for advanced materials

# SKILLS

- Graphene Oxide (GO): Chemical & electrochemical synthesis
- Lab Techniques: Solution preparation, filtration, centrifugation, decantation
- Materials Analysis: Structural & property characterization
- Lab Problem-solving: Identifying and addressing experimental issues
- Scientific Communication: Literature review, data interpretation, presentation