



Muha Kim

Education: BA in Physics at City College of New York (01/2024~)

Interested Field: Nuclear Fusion Science, High Energy Physics, and Applied Physics Laboratory

Contacts: (646) 799 8377

mkim012@citymail.cuny.edu

rylynn809@gmail.com

Address: 540W 136th St Unit 64, New York, NY 10031

Experiences

Jun 2024 ~ (Ongoing) (Part-time)

Laboratory Assistant *Advanced Science Research Center [85 St Nicholas Terrace, New York, NY 10031]*

The graduate research center of the City University of New York. Sample preparation for chemical and isotope signatures. Help to collect data.

Jun 2022 – Nov 2023 (1y 6m) (Full-time)

Laboratory Technician *Intertek Korea [7, Ahasan-ro 5-gil, Seongdong-gu, Seoul, Republic of Korea]*

Analyzed hazardous organic chemicals in industrial material to domestic supply to meet EU standard, RoHS (Restriction of Hazardous Substances).

Offered sample preparation and maintenance for Gas Chromatography – Mass Spectrometer.

Took charge of phthalates, brominated flame retardants, and organo-tin compounds.

Sep 2020 – Jan 2023 (2y 5m) (Full-time, Part-time)

Machine Operator *100years shop [32, Yangjaedae-ro 81-gil, Gangdong-gu, Seoul, Republic of Korea]*

One of the biggest individual businesses for manufacturing processed food in South Korea.

Handled heavy machinery for the sealing and packaging process.

Jan 2020 – Jun 2020 (6m)

Laboratory Technician *Australian Laboratory Services [79 Distinction Rd, Wangara WA 6065, Australia]*

Sampled preparation of mining ore. Split, mix, and pulverize. In charge of specific clients' requests.

Analyzed mining ore in inorganic analysis using NIR (Near-Infrared Ray Spectroscopy).

May 2015 – Sep 2017 (2y 4m)

Club Member *Applied Creative Science Club [47, Gwangnaru-ro 36-gil, Gwangjun-gu, Seoul, Republic of Korea] (High School Club)*

Dongguk Girls High School attached to Dongguk University is where I graduated and participated in a prestigious science club. One of my favorite classes in this club was forensic class and creative research (CR). My subject for CR was 'How the Seebeck Effect can be applied in public'

Skills

Laboratory Ethics, Maintenance and Operation of GC-MS and NIR, Fluent Korean, Conversational English and Japanese.