

KUNLUN WU

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EDUCATION

Columbia University

MS in Materials Science and Engineering

New York, NY

Dec 2025

Columbia University

BS in Materials Science and Engineering, 3.6/4.0

Dean's List

New York, NY

May 2024

Colgate University

BA in Physics and Japanese, 3.8/4.0

Dean's Award with Distinction

Hamilton, NY

May 2024

EXPERIENCE

Columbia University: School of Engineering

Nanoparticle Lab Undergraduate Researcher

New York, NY

Aug 2023 - May 2024

- Led a small team of four students in correlating doping concentration to conductivity of nanoparticles
- Synthesized six groups of nanoparticle with different doping concentrations for modified conductivity
- Analyzed impedance spectroscopy measurements on pellet samples at seven temperature levels
- Synthesized two groups of differently sized nanoparticles for modified optical properties in polymer precursor
- Produced six groups of spincoated substrates with precursor of various concentrations and nanoparticle sizes
- Conducted dynamic light scattering measurements on two groups of precursor solutions
- Analyzed 36 sets of ellipsometry measurements from spincoated films on Si substrate

Oriental Fortune Capital: Shanghai Branch

Assistant Investment Manager (Intern)

Shanghai, CN

Jun 2023 - Aug 2023

- Produced a market research on Chinese domestic in-vehicle MCU industry across 2022 to 2023
- Developed an investment analysis on nine companies of interest
- Constructed an evaluation method spanning across five key areas
- Drafted and presented a report containing thirteen companies including leading enterprises

HONORARY SOCIETIES

Materials Research Society: CU Student Chapter

Vice President

New York, NY

Aug 2023 - May 2024

Materials Advantage: CU Student Chapter

Vice President

New York, NY

Aug 2023 - May 2024

SKILLS

- Chinese (Native)
- Japanese (Proficient)