

# AI INABA

Sunnyside, NY 11104

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## EDUCATION

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- 2019-08 - Present **John Jay College of Criminal Justice/CUNY**, New York, NY  
Bachelor of Science Degree in **Cell and Molecular Biology** **GPA 3.84**  
Expected to graduate in 2021  
Science Coursework  
Microbiology, Microbiology Lab, General Physics I & II (with Labs), Probability & Mathematical Statistics I, Genetics, Toxicology of Environmental and Industrial Agents, and Introduction to Psychology
- 2015-03 - 2018-08 **LaGuardia Community College/CUNY**, Long Island City, New York, NY  
Associate of Science Degree - **Biology** **GPA 3.4**  
Natural Science Coursework  
General Chemistry I & II (with Labs), General Biology I & II (with Labs), Organic Chemistry I & II (with Labs), Biotechniques (with Lab), and Cell Biology (with Lab)

## TECHNICAL SKILLS AND LANGUAGE

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### Laboratory Skills

Aseptic techniques, pipettor usage, preparation of bacterial culture, identification of bacterial culture with light microscope and staining techniques, morphological characterization, inoculation of bacterial media, electrophoresis, DNA extraction, isolation and quantification of DNA and protein, PCR, DNA sequencing, thin layer and column chromatography, spectroscopy (MS, <sup>1</sup>H NMR, IR)

### Other Skills and Language

Computer: ChemDraw, Microsoft office (PPT, Excel, Word), Keynote  
Language: Japanese (native language)

## RELEVANT EXPERIENCE

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- 2019-03 - Present **Science Tutor, SI Leader (Supplemental Instruction)**  
LaGuardia Community College, New York, NY
- Applied the strong knowledge of chemistry and biology and communication skills to help students for their course work.
  - Provided group and individual tutoring sessions for students in historically difficult courses.
- 2017-02-2017-08 **Research Assistant- CUNY Research Scholars Program**  
Hunter College, New York, NY
- Assisted on a project synthesizing a bi-functional agent that works for both <sup>19</sup>F MRI and PDT to find and treat cancer at early stages.
  - Assisted in synthesizing a porphyrin-based compound, conducted thin layer and column chromatography, and analyzed the product with NMR and MS.
  - Prepared poster for the presentation at research symposium.
- 2016-10 - 2017-10 **Veterinary Surgical Assistant**  
The Humane Society of New York, New York, NY
- Prepared the surgical equipment, drugs and vaccines, and sterilized the clinical equipment before and after the surgical procedures. Handled, sedated, intubated, placed IV catheter, and completed x-rays on the animals.

## STUDENT LEADERSHIP & AWARDS

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- 2020-Present US-Japan Council Watanabe Scholarship – Currently been selected as a finalist
- 2019 International Student Committee of Student Council of John Jay College
- 2016-2017 LaGuardia Community College President's Society Ambassador
- 2016 ePortfolio Scholars Program – First prize
- 2016 LaGuardia Honors Program in Philosophy