

CATHERINE RAULT

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SUMMARY STATEMENT

Working towards a B.S. in Forensic Science and a minor in Chinese Language and Culture at Loyola University Chicago. Excels at teamwork, verbal and written communication, organizational skills, and problem-solving. Aspiring to become a Forensic Firearms Examiner to utilize my expertise in evidence analysis, aiding in criminal investigations, and enhancing public safety.

EDUCATION

LOYOLA UNIVERSITY CHICAGO, CHICAGO, IL

AUGUST 2021 - MAY 2025 (EXPECTED)

- Cumulative GPA: 3.86
 - Pursuing a Bachelor's Degree in Forensic Science and a minor in Chinese Language and Culture
 - Chinese Cultural Club (2021-present), Forensic Science Club (2021-present), Volunteer: Soup Kitchen
 - Relevant Coursework: Molecular Biology, Genetics, Biostatistics, Biochemistry, Forensic Biology, Drug Chemistry, Quantitative Chemistry, Pattern Evidence, Courtroom Demeanor
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SKILLS

EMPLOYMENT: Skilled in Microsoft Excel, critically organize case studies and transcripts, confidently able to utilize laboratory equipment and follow SOPs, exceptional interpersonal skills, intermediate at reading and writing Chinese

INSTRUMENTATION: Clean Technique, Body Fluid Tests (Kastle-Meyer, Phadebas, AP, P30, KPIC), PCR, Color Tests (Marquis and Mecke), Chromatography (TLC, GC, HPLC), Spectroscopy (MS and IR), Compound and Virtual Comparison Microscopy

CAREER HISTORY

Scanning Intern

MAY 2024 - PRESENT

CADRE FORENSICS, EVANSTON, IL

SUPERVISOR: RYAN LILIEN, (312) 620-9958

- Collect data through scanning cartridge cases and bullets in the TopMatch-3D system
 - Over 4,000 cartridge cases and 200 bullets
- Completed Virtual Comparison Microscopy and TopMatch Software and NIJ Firearms Examiner training
- Designed and conducted an experiment to effectively clean bullets

Lab Researcher

MAY 2022 - AUGUST 2024

LOYOLA UNIVERSITY CHICAGO, CHICAGO, IL

SUPERVISOR: DR. JAMES CHEVERUD, (773) 350-3735

- Assisted Dr. James Cheverud in research with mice involving intervertebral disk degeneration
- Performed DNA extraction with a Qiagen kit and DNA analysis with a NanoDrop and RStudio
- Scanned mice skulls using MicroCT technology

Intern

JULY 2022 - AUGUST 2024

CENTER FOR INTEGRITY IN FORENSIC SCIENCES, MADISON, WI **SUPERVISOR: KELLY SUTHERLAND, KELLY@CIFSJUSTICE.ORG**

- Organized articles and details about DNA transfer and firearms in spreadsheets
- Analyzed research studies on the relationship of DNA transfer and firearms to forensic science
- Arranged medical expert witnesses and made a database to organize Shaken Baby Syndrome Cases

Barista

SEPTEMBER 2019 - JANUARY 2024

BEANS N CREAM, SUN PRAIRIE, WI

SUPERVISOR: JEFF GAUGER, (608) 235-7071

- Connected with community members and worked with a team to provide friendly and prompt service
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HONORS

Dean's List 2021-2024, Building Interdisciplinary Bridges Scholarship, Damen Scholarship, Director's Scholarship, WPS Scholarship, Girl's Swim and Dive Team Scholarship, and U.S. Bank Scholarship