

Joseph Cramer

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EDUCATION

University of North Carolina at Greensboro (UNCG) Bachelor of Science in Biochemistry (GPA 3.98) Minor in Computer Science, Chemistry, Biology Global Honors, Dean's list—all semesters	Greensboro, NC August 2021 – May 2025
University of Southern Denmark (SDU) Study Abroad Program	Odense, Denmark February 2023 – June 2023

RESEARCH EXPERIENCE

Research Associate – UNCG Biochemistry Lab	January 2024 – May 2024
<ul style="list-style-type: none">Developed an interactive web application to display localized mouse lipidomic dataCoordinated directly with Dr. Zhang to accomplish project goals with limited oversight	
Research Assistant – SDU Biology Department	February 2023 – June 2023
<ul style="list-style-type: none">Headed a team of 3 to using the Fucci system with fluorescent tagging to analyze real time effects of cancer medications on Osteosarcoma cells	
Research Assistant – SDU Department of Green Technology	February 2023 – June 2023
<ul style="list-style-type: none">Programmed tools for data cleaning, visualization and analysis of 100+ HPLC chromatograms	

WORK EXPERIENCE

TalentTelligent	
AI Solutions Engineer	October 2024 – May 2025
<ul style="list-style-type: none">Pioneered tools for automating large-scale data migrationsMaximized development productivity providing flexible support for system admin, testing, and web development	
AI Developer	September 2023 – October 2024
<ul style="list-style-type: none">Processed 600+ pages of data for novel retrieval-augmented generation (RAG) AI	
UNCG, CHE Department - Teaching Assistant	June 2024 – July 2024
<ul style="list-style-type: none">Oversaw lab work, led review sessions, and provided timely feedback to studentsAdapted to unexpected challenges in experiments and quickly addressed student questions	

PROJECTS

Ingredient Intel – Lead Developer

January 2024 – May 2024

- Managed team of 2 maintaining project timeline integrity and ensuring consistent communication and synergy between team members
- Created a nutrition service utilizing the USDA's FDC API to flag potential health hazards, allergens, or recalls for users with a scan of a product barcode
- Built a frontend using Django and Bootstrap and a postgres database hosted with Amazon RDS for backend functionality

Security Product Development - Project Lead

August 2020 – June 2021

- Formed and led an engineering team in designing, prototyping, and pitching a robust door security system, including proprietary deadbolt modeled and stress-tested in AutoCAD

SKILLS

Computer Skills

Python	Microsoft Office (PowerPoint, Word, Excel)	Django
Java Script	Autodesk (Inventor, Fusion 360)	SQL
HTML/CSS	LaTeX	PostgreSQL
3d Printing	Java	MATLAB

Biochemistry

Gas Chromatography	AAS (Atomic Absorption Spectra)	Western Blot
Ion Chromatography	DNA Amplification and Purification	Pipetting
Gel Electrophoresis	HPLC (high pressure liquid chromatography)	SDS-Page
UV-Vis Spectroscopy	PCR (polymerase chain reaction)	Florescent Spectroscopy

AWARDS & DISTINCTIONS

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- American Institute of Chemists Student Award in Biochemistry (2025)
 - Graduated *Summa cum laude*, UNCG (2025)
 - Eagle Scout (2021)