

ANJALI KESARI

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EDUCATION

Cornell University College of Engineering — B.S in Computer Science & Minors in Business, Data Science (2022 - 2026)

EXPERIENCE

Motorola Solutions — Software Engineering Intern (May 2024 - August 2024)

- Worked on Agile DevOps team, contributed to development and automation of functionalities in off-the-shelf products like ServiceNow to enhance user collaboration and efficiency
- Applied programming skills to design, build, and maintain applications, automation, and tools, focusing on providing self-service and proactive solutions for users to reduce the need for IT engagement
- Implemented innovative technologies for process optimization, worked with business leads to translate client requirements into technological capabilities

Fresh Alternative Farms — Web Developer Intern (Sept 2023 - March 2024)

- Reimagined and integrated website features using Python, HTML, CSS, and CMS tools such as WordPress
- Analyzed results of keyword research and implemented Search Engine Optimization techniques to increase website traffic

The MITRE Corporation — Summer Engineering Intern (May 2023 - August 2023)

- Utilized Python to manage missing and “big messy” data, and data wrangling to ensure cleanliness and accuracy; learned predictive analytics via statistical models to extract insights from complex datasets
- Conducted comprehensive industry research on open source solutions suitable for deploying xApps on an O-RAN emulated environment; evaluated maturity levels and identified key challenges in implementations
- Engaged in hands-on experience testing sample xApp to explore functionality and use cases; enabled presentation of findings through research to highlight ideas to industry partners considering their adoption

Widely, Inc. — Cyber Security Summer Intern and Program Coordinator (June 2021 - August 2022)

- Lead team of 4 interns with constructing and presenting a white paper regarding wireless communication technology about 5G, O-RAN, Software-Defined Networks, Cloud Networks, and Edge Computing; learned importance of FCC compliance and regulatory standards issues in the Telecom industry
 - Served as a liaison between interns and Widely’s leadership: managed program tasks, schedules, and deliverables while fostering an environment of leadership and cooperation
 - Engaged in research about connection between 4G technologies and cyber threats; presented findings to senior specialists including the CEO and other administrative directors
 - Expanded company’s global reach, audience, and international clientele in 5+ countries, worked with marketing and social media outreach directors
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RELEVANT COURSEWORK

- Data Structures & Algorithms, DS & Functional Programming, Data Science, Discrete Structures, Statistics & Probability, Financial Accounting, Entrepreneurship, Microeconomics, Linear Algebra, Multivariable Calculus
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PROJECTS

OCaml Programs — (2023)

- Utilized Ocaml functional programming to integrate basic SQL query functions to create a music and song database management system which included artist details, genre information, bpm, pitch and key, etc.
- Developed an N-Gram model using NLP techniques to generate the next sequence of text, given a dataset

MITRE Hackathon — Learning Track Event (2023)

- Utilized ML algorithms and applied data science principles, to clean, analyze, and visualize data using logistic regression in Python to successfully identify and mitigate/flag phishing attempts for the provided URL data to enhance cybersecurity
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SKILLS: Java, C, Python, Ocaml, C++, JavaScript, React, Web Development, HTML, CSS, Microsoft Suite, GitHub