

IPHIGENIE BERA

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EDUCATION

Northwestern University

Bachelor of Science in Computer Science

Data Science and Engineering minor

Entrepreneurship minor

Evanston, IL

Expected June 2024

Relevant Coursework: Fundamentals of Programming, Data structures, and Algorithms, Algorithm Design and Analysis, Mathematics foundations of Programming, Design thinking and communication, Engineering analysis, Electronics Design, Engineering statistics.

EXPERIENCE

Meta Platforms, Inc.

Menlo Park, CA

data engineering intern

June 2022-August 2022

- Designed and shipped to production a data pipeline that monitors contracts compliance hence supporting goal metrics in the contracts team.
- Revamped Contracts dashboard and enforced data quality checking and anomaly detection in org data sources.

Northwestern Computer Science Department

Evanston, IL

CS 110 Peer mentor

March 2022 - Present

- Worked with the professor and other peer mentors to lead an introductory class to Computer programming by holding tutorial sessions, grading exams, and debugging code.

Northwestern University Information and Technology

Evanston, IL

Audio Visual consultant

October 2021-present

- Inspected Audiovisual equipment in smart learning spaces at northwestern and repaired broken parts.
- Conducted a strategic assessment of equipment failure reports and created a prioritization framework for Audiovisual support allocation focusing on frequency, severity, and logistical complexity.

Northwestern Blockchain group

Evanston, IL

Front-end Developer

September 2021 - Present

- Develop user interface React decentralized application for Ethereum Blockchain-powered auction site for NFTs.
- Implemented marketing feature for most bided NFTs and made website mobile responsive.

Northwestern University, Design Thinking and Communication

Evanston, IL

Student Engineer

April 2021 - June 2021

- Designed and Prototyped an Individualized Cat feeder system, Feline Feeder, for two cats preventing sick cats from eating each other's food.
- Enforced user requirements, CAD design, and performance testing in making products from scratch.

LEADERSHIP EXPERIENCE

McCormick student Advisory Board

September 2021 - Present

Board Member

- Organized student activities including projects, competitions, and undergraduate research enabling student access to all needed resources including faculty advisor and funding.
- Initiated Board's social media campaign, increasing social media follower count by 40%.

SKILLS

- **Programming:** Python, JavaScript, SQL, Racket, HTML/CSS, React, MATLAB.
- **Others:** Tableau, Shell scripting, data modelling, cloud computing, Web design, MINITAB, SolidWorks, Git.