

Olivia Sackitey

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EDUCATION

Northwestern University, McCormick School of Engineering
Bachelor of Science in Computer Science

Evanston, IL
June 2023

- Current Relevant Coursework: Fundamental of Computer Programming I&II (Racket & C/C++), General Engineering Analysis (MATLAB), Intro to Computer Programming (Python), Mathematical Foundations of Computer Science, Intro to Computer Systems, Fundamentals of Computer System Software, Data Structures and Algorithms, Introduction to Artificial Intelligence, Design & Analysis of Algorithms, Operating Systems, Data Science Pipeline

SKILLS

Python, SQL, JavaScript, HTML/CSS, React.js, Vue.js, Angular, Git, Jupyter, MATLAB, Microsoft Suite, Adobe Photoshop

WORK EXPERIENCE

Data Analyst Engineer Intern, Google, San Francisco, California (June 2022- September 2022)

- Used quantitative data gathered to develop an understanding of customer behavior and lifecycle. Pitched insights to stakeholders
- Collected, cleansed, and provided modeling and analyses of structured and unstructured data used for major Play Store initiatives
- Analyzed broken apps using SQL to identify likely violators for new workflow

Data Science Intern, 23XI Racing, Mooresville, North Carolina (September 2021 – December 2021)

- Led data extraction and evaluation to process/clean complex NASCAR (SMT) data sets using AWS S3 and Python
- Created and analyzed visualizations to recommend ways to improve lap times on the speedway

Web Development Intern, Rockwell Automation, Milwaukee, Wisconsin (June 2021-September 2021)

- Used scrum agile methodology in my work (Daily scrum meetings, Sprint planning, and 1 on 1 meetings)
- Used various technologies including JavaScript, HTML, MongoDB, Angular, and CSS to do UX research and design and create a backlog of improvements on the internal corporate website
- Learned GIT version control and rebasing in a team environment
- Implemented a full-stack feature (MongoDB to the server to client)

Undergraduate Research Assistant, Northwestern University Industrial Engineering Department (March 2020- March 2021)

- Optimized bus routes for over 2500 students by refreshing analysis data on a regular basis and creating new dashboards
- Enhanced a mapping software by creating new visualization styles to improve dashboard usability to provide an interactive analytic tool used to display solutions, make critical decisions, extend new users' ability to understand analysis
- Created a form that takes user input to choose the corresponding map out of 80 potential solutions and displays it then stores in a separate form where it can then be viewed at any time

Virtual Software Engineering Boot Camp Participant, Lyvo (June 2020- July 2020)

- Selected to attend a 4-week virtual Software Engineering Bootcamp covering Web Applications (vue.js, react.js, HTML/CSS), and Mobile Applications (React Native, APIs), and Back End Development (Google Cloud Platform, node.js, Firebase)

Summer Medical Intern, Jamaica Hospital, Jamaica New York (June 2018-August 2018)

- Assisted and shadowed practicing physicians to gain knowledge and learn basic medical procedures
- Developed open rapport with patients and encouraged them to share questions and concerns that could be relayed to the floor staff
- Helped patients with mobility, grooming, toileting and dressing, and answered patient call buttons

PROGRAMMING PROJECTS

JP Morgan Chase Data for Good Hackathon (September 30, 2021 – October 1, 2021)

- Analyzed NYC School data sets to determine what investments will increase the performance of disadvantaged schools across various success metrics

Personal Website (June 2020 -July 2020)

- Created a web application using Vue.js, HTML, and JavaScript. It utilizes different hover features, routing to several different pages, and embedded links. This was designed to share more about my personal background, work experience, and hobbies.

Top Albums (July 2020-August 2020)

- Developed a web application using Vue.js, HTML, and JavaScript. It utilizes different hover features, routing to several different pages, and direct links to play the albums. This was inspired by struggling to remember the albums I've listened to in previous years and music platforms' annual personalized top songs of the year playlist

Song Recommender (February 2020- April 2020)

- Developed an interactive way to recommend songs to users based on genres and artists, utilizing Spotify API, Sendgrid API, and Python
- Recommendations are sent via email and consists of a tracklist table with helpful information about the song and a direct link to play it.

LEADERSHIP EXPERIENCE

Northwestern University, National Society of Black Engineers Executive Board Treasurer and Finance Chair, (March 2021- April 2022)

- Keeping accurate records of Chapter expenditures and income maintaining both the Chapter's SOFO and McCormick accounts.
- Overseeing the budget of the Planning Committee and negotiate all contracts.
- Preparing monthly and quarterly reports reflecting the Chapter's financial status.

Northwestern University, National Society of Black Engineers Executive Board Programs Chair, (March 2020 – March 2021)

- Helping to organize and facilitate general meetings.
- Coordinating all social and service projects.
- Coordinating interactions with alumni and other technical and Black organizations.

Northwestern University, National Society of Black Engineers Junior Executive Board Treasurer, (Fall 2019 - Winter 2020)

- Helped to organize and facilitate Mr. Northwestern (male pageant)
- Managed funds of organization and allocated them where they were needed to maximize profit
- Worked with other club members on using funds for fundraising and events

YWEB Academy Tutor (September 2021 – March 2022)

- Provided web development homework support via "virtual office hours" for Oakton Community College Students
- Designed short workshops and labs based around web design
- Encouraged students as they brainstorm and pursue projects that align with their own interests and career goals

OTHER ACTIVITIES

- Member, National Society of Black Engineers, Women in Computing & Member, Society of Women Engineers
- Member, Club & Intramural Basketball Team

AWARDS

Greenbriar Equity Group Fellow, Dean's List