

Alexandra Hosny

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Education

University of Illinois at Urbana Champaign

Bachelor of Science in Systems Engineering, Minors in Informatics and Business

Expected Graduation: May 2024

Professional Experience

Illinois Consulting Academy

Alumni Relations Chair and General Course Assistant

Champaign, IL

November 2021 - present

- Created an exhaustive, accessible alumni database through working with all stakeholders to gather the necessary data
- Designed and implemented weekly casing curriculum while evaluating and monitoring casing progression of students
- Gained technical proficiency through the use of Tableau, Alteryx, CapIQ, SQL, and analyzing market trends

AbbVie

Market Research Analyst

Chicago, IL

May 2022 - September 2022

- Managed a team of consultants while communicating with the client during a 10-week vendor evaluation project
- Conducted a phase 0 market landscape evaluation on Laboratory Information Management Systems (LIMS) for quality manufacturing in AbbVie and for potential AI integration to resolve workflow issues and inconsistent data organization among clinical trials
- Compiled background research and analysis of the competitive landscape and market positioning of 15 vendors and presented final recommendations to the client team for 1,000+ end users

Illinois Business Consulting

Consultant

Champaign, IL

September 2021 - May 2022

- Analyzed the drug delivery devices landscape and presented a go-to-market strategy for the launch of PTFE membranes in the biomedical space
- Collaborated with a team of consultants on a design project for a Fortune 500 company that aimed to close the educational equity gap among LatinX communities in Chicago. Conducted research on education landscape among redlining communities and evaluated funding inefficiencies

Rush University Medical Center

Research Assistant

Chicago, IL

June 2021- September 2021

- Gained technical proficiency through the use of RedCap and Epic Hyperspace while organizing patient information and possible cases for the Collagen study. Staffed to transport specimens from the operating room to personnel from the Illinois Institute of Technology for further research
- Analyzed 100+ possible case information with a current medical student on newly found research

Gannett Fleming

Engineering Consulting Intern

Chicago, IL

June 2021 - August 2021

- Designed a proficient method for using a company wide database to access 30,000+ CAD files
- Collaborated with the power group to develop CAD skills through high-level technical projects focused on substations.

Leadership and Involvement

Alpha Kappa Psi Professional Business Fraternity

Corporate Events Officer and DE&I Chair

Champaign, IL

February 2022 - present

- Planned a lecture series by communicating with professors on contemporary topics that provided unique insights and perspectives to students
- Composed a mentorship program through the organization to give members an efficient resource of personalized mentors based on preferred career routes and desired technical skills
- Create strong relationships with 24+ corporate sponsors by planning weekly corporate events for the professional growth of fraternity

Theta Tau Professional Engineering Fraternity

Professional Development Chair and Mentor

Champaign, IL

February 2021 - present

- Mentored younger members in engineering that contain an interest for consulting by incorporating key professional development skills
- Assisted in conducting workshops, office hours, and corporate events for the collective benefit of our members

Copts in Our Communities: Non-Profit Service Organization

Treasurer and Member

Palatine, IL

May 2018 - present

- Managed an organization of 110 active members whose mission is to serve communities and spread awareness of Coptic orthodoxy.
- Crafted a management plan to raise \$25,000 towards a down payment for a home that contains accommodation for disabilities in Egypt. Communicated with organization based in Egypt to solve discrepancies throughout the process

Specialized Skills & Interests

Technical skills: Fusion 360, Apriori, Python, 3-D Printing, Microsoft Powerpoint

Interests: Documentaries, MENA rights, Traveling, Cultural Cuisines, Tabla, Dabke, *Patriot Act*, *The Best One Yet*

Conferences: Deloitte Consulting Leadership Conference, PwC Women's Consulting Experience, Crowe Learn2Lead, Discover Protiviti, PwC UIUC Case Competition