

Maya Blumovitz

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EDUCATION

Northwestern University | Evanston, IL

Expected Graduation: June 2023

Computer Science Major, Cognitive Science Minor

McCormick Dean's List - High Honors (Current GPA: 4.0/4.0)

- Involvement: Computer Science Student Advisory Board, Society of Women Engineers, Women in Computing
- Relevant Coursework: Data Structures & Algorithms, Intro to Artificial Intelligence, Intelligent Information Systems, Web Development, Design & Analysis of Algorithms, Intro to Computer Systems

SOFTWARE SKILLS

- Python, C#, C++, C, Java, React, JavaScript, HTML, CSS, MATLAB, SQL, UNIX

TECHNICAL EXPERIENCE

Siemens Healthineers | Hoffman Estates, IL

June 2021 – September 2021

Software Engineer Intern

- Joined the embedded software team that is in charge of writing and maintaining code for motion logic on SPECT/CT medical imaging machines.
- Created several Python scripts to automate motion testing on the machines, contributing to the company's ability to monitor the devices' safety requirements before approving them for hospital use.

JUF Chicago | Chicago, IL

August 2019 – September 2019 & June 2020 – September 2020

Software Development Intern

- Implemented a new AI chatbot in C# and deployed to Azure using Microsoft LUIS for natural language processing for customers to get information about company events.
- Created a new API using SQL Server and C# to design a portion of the company's website using CSS, HTML, and JavaScript.

IDF Intelligence | Tel Aviv, Israel

September 2016 – May 2018

Satellite Operator, Software Developer and Supervisor

- Wrote C# and UNIX applications to help create SAR satellite image tasking, which communicated to the satellites how to maneuver based on customer demands.
- Supervised, operated, and lead projects based on client requirements, optimizing satellite information gathering.

OTHER EXPERIENCE

Northwestern University | Evanston, IL

January 2020 – Present

Teacher's Assistant - Fundamentals of Computer Science

- Worked with the professor to assist with an introductory undergraduate class, teaching students Racket and the basics of coding.
- Guided students one-on-one with homework assignments through designated office hours.

IDF Intelligence | Tel Aviv, Israel

May 2018 – May 2019

Foreign Relations Manager, Satellite Unit

- Manager of satellite-based foreign relations. Coordinated with intelligence officers from around the world on collaborative satellite tasking and operations, creating state contracts for satellite information sharing, gaining strategic and technical experience in the field.

PROJECTS

Clear & Steady | Northwestern University, Evanston, IL

January 2020 – March 2020

- Worked with three other students and a physical trainer from the Shirley Ryan AbilityLab to design, prototype, and build an arm rest for rehab patients to use during treadmill training.

Online Shopping App | Northwestern University, Evanston, IL

April 2020 – June 2020

- Devised an idea for a new application for grocery store customers during the pandemic using live user input and worked in a group to design and pitch the proposal.