Nour Tawfik

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Portfolio Link

EDUCATION

Northeastern University, Boston, MA   Expected May 2026
Khoury College of Computer Sciences
Bachelor of Science in Computer Science and Design   GPA: 3.84 / 4.00
Courses: Object-Oriented Design, Algorithms & Data Structures, Database Design, Discrete Structures, Data Science
Honors and Awards: Honors Program, Dean's List

SOFTWARE SKILLS

Programming Languages: Java, SQL, TypeScript, JavaScript, Python, HTML, CSS, C++
Technologies: React, Node.js, Git, Figma, Docker, Flask, Salesforce, Microsoft Office, Azure, Adobe

WORK EXPERIENCE

Dawn Foods
User Experience Designer Co-op   January 2024 - June 2024
- Worked on a user-friendly payment portal, enabling more new customers to purchase products online and increasing online transactions by 50%. Gained in-depth knowledge of UX design research and principles.
- Created and implemented an advanced filter feature, optimizing product search based on customer feedback from market visits, significantly boosting online orders both for the mobile and desktop platforms.
- Collaborated with software engineers to design and implement intuitive sticky headers on the product listing page, enhancing website navigation and allowing users to easily jump to product sections.

Hillel at Northeastern University
Data Analyst   September 2023 - December 2023
- Leveraged a global database (600+ users) to analyze data, and suggest ways to increase event participation.
- Employed Salesforce CRM, SQL and Excel to manage, update, and monitor both existing and new contacts, ensuring optimal engagement and outreach strategies at Hillel.

The Venture Mentoring Network at Northeastern University
Operations Associate   January 2023 - July 2023
- Collaborated with a database of 100+ mentors and Northeastern Alumni ventures, facilitating pairings to enhance startup growth and development.
- Marketed the VMN, and attended conference leading to the identification and onboarding of 9 new startups from Northeastern campuses including Maine and Oakland.

PROJECTS

Boston Medical Center Cancer Treatment Website   April 2024 - Present
Front End Developer and UX Designer
- Developed a website with a research team for ENT oncology using React and TypeScript, integrating a recommender system for personalized treatment recommendations.
- Designed a user interface that allowed the system to analyze patient-specific information, enhancing personalized care.

Generate Student Organization at Northeastern University   January 2024 - Present
Software Engineer
- Engineered a CAD to G-Code converter for startup client Tubender in C++, streamlining 3D design translations for a computer-numerical controlled, portable tube-bending machine with 12 teammates.
- Developed a user-centric interface and website using TypeScript and React, enhancing client engagement and showcasing the startup's project.

Forge at Northeastern University   January 2024 - Present
Product Lab Designer
- Collaborated in a student-led product lab with 6 teammates to develop a portable-heatable water bottle, focusing on product functionality, user experience, and market viability.
- Led the software aspects of the product in C++, allowing the bottle to stop boiling water after a given period time.

Personal Website and Portfolio   January 2024 - Present
Front-End Developer and UX Designer
- Designed portfolio files in Figma and developed the website using React, TypeScript, and JSON from scratch.
- Showcased all UX and coding projects, highlighting front-end development and UX design skills.