

# NOURIN ABD EL HADI

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## WORK EXPERIENCE

*FRONT-END DEVELOPER*, VIRTUAL STING

MAY 2021 – SEPT 2021

- Increased online bookings traffic by 250% by transforming a legacy website using modern frontend tooling and **UI/UX** principles.
- Led weekly syncs with stakeholders to set Key Performance Indicators (KPIs) and other metrics in relation to user experience.

*FRONT-END DEVELOPER*, TREASURED INC.

DEC 2018 – MAY 2019

- Developed front-end UI using **JavaScript** frameworks, **HTML**, and **CSS** to improve the overall design and function of the project, creating a more user-friendly interface.
- Programmed different components on the web application to deliver a unique experience to users through augmented reality (AR) headsets.
- Showcased and demonstrated the company's product to over a hundred participants and industry leaders at an event run by the Schulich School of Business.

## TECHNICAL SKILLS

### *PROGRAMMING*

- **Languages:** Java, JavaScript, HTML, CSS, Bash, C, PostgreSQL, MySQL.
- **Technologies:** JavaFX, Java Spring, Next.js, Bootstrap, React.

## EDUCATION & ACHIEVEMENTS

*SOFTWARE ENGINEERING (B. ENG)*, YORK UNIVERSITY

MAY 2022

- **Related courses:** Discrete Mathematics, Data Structures and Algorithms, Building E-Commerce Systems, Mission-Critical Systems, Software Testing.

## PROJECT BASED LEARNING

*HIGH THROUGHPUT SCREENING SYSTEM* ([spenser-frontend.vercel.app](https://spenser-frontend.vercel.app))

- Robotic screening system and platform used by York University's Stem Cell Cancer Research Lab.
- Created a web application to control the system without jeopardizing the sanitation of the machine using **React**, **Go**, **OpenCV**, **Kafka**, and **MySQL**.
- Leveraged Figma to create a detailed **Design System** that was referenced throughout the project.
- Implemented design principles to create a visually pleasing, user-friendly application focused on reusability and portability.

*EXPRESS PARKING* (<https://github.com/nourinh/ExpressParking>)

- Created a user interface using **UX design principles** and **JavaFX** to simulate a parking meter.
- Tracked users' login information, parking spot number, how many bookings they have, and much more through reading and writing to .CSV files.
- Designed the UI to be effective and efficient to help users access their parking information.
- Leveraged Gang of Four design patterns to help complete the project efficiently.