

# Yael Shteyer

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## EDUCATION

**University of Western Ontario (UWO)**, London, ON, Canada

September 2020 - April 2024 (Expected)

*Pursuing Bachelor of Science, Honours Specialization in Computer Science (BSc)*

- GPA: 3.94/4.0; cumulative average of 92%; Dean's Honor List (Continuing: 2020 - Present)
- Research: Ongoing thesis project
- Recipient of Nortel Networks Scholarship of Excellence in Computer Science (Continuing: 2020 - Present)
- Recipient of the University of Western's Scholarship of Excellence for Top High School Admission Average (2020)
- Relevant coursework: Object-Oriented Design, Data Structures & Algorithms, Databases, Machine Learning, Artificial Intelligence

**Technical Skills:** Python, Java, C, C++, SQL, HTML, CSS, PHP, JavaScript, Unix

## WORK EXPERIENCE

**Powtoon**, Tel Aviv, Israel

Summer 2023

*Software Engineer Intern*

- Built automated sanity tests using Playwright and Javascript; reduced internal bug detection time by more than 50%
- Programmed a data extraction script used in a collaborative project to integrate artificial intelligence into the company's products, strengthening its functionalities and features
- Conducted role and permissions verification using Jest, streamlining testing and ensuring accurate user actions across domains
- Migrated support tickets from an old platform using APIs; optimized customer support team's operations and saved over 20 hours of manual work

**Unboxable**, Tel Aviv, Israel

Summer 2022

*Software Engineer Intern*

- Created a web crawler script that matches relevant job postings on Indeed with pre-determined skills; replaced the manual task of job matching and improved candidate accuracy by 12%
- Accelerated and improved the hiring process with a Python script that filters through LinkedIn accounts to generate a pool of relevant candidates; results measured with 86% accuracy against a criteria for fitting employees
- Regularly attended and participated in R&D activities, including daily Scrum and sprint planning meetings

**Royal Bank of Canada**, Toronto, Canada

Summer 2021

*Technical System Analyst*

- Developed machine learning model in Python, using pandas, sci-kit, and statsmodels, to predict statistical metrics; allowed the team to predict and plan for capacity of infrastructure
- Automated restaging of RBC app using Powershell script triggered by Splunk log entries and designed the UI for the project using React, Node.js and Angular; improved client experience by reducing downtime of application
- Extracted and cleaned application metrics data from Dynatrace using APIs, converting data into a readable format to be displayed on Tableau for the team's use; saved 3-4 hours of manual stats extraction time
- Conceptualized and managed the technical maintenance of internal podcast (*SheShares*) for RBC's Believe Initiative Program, tackling the issue of gender representation in the STEM field

## EXTRA-CURRICULAR ACTIVITIES

**Forum for Jewish Leadership Internship Program**, *Director of Operations*

2023 – Present

- Led and delegated all programming logistics by communicating with providers to ensure all activities were executed smoothly for the 76 participants from across Canada, Australia, England, and the United States

**Women in Computer Science Club**, *Director of Internal Affairs*

2022 – 2023

- Managed internal and external operations to successfully organize guest speaker events, networking opportunities, and workshops, providing a safe space to learn from and empower over 60 club members

**Languages:** English, French, and Hebrew

**Personal Interests:** Music, linguistics, reading, yoga, cooking