

# Sarah Rose Hassan

## Third Year Computer Science Student

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### SKILLS

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- Languages: Python, Java, C#
- Technologies: APIs, Git, Flask, .NET

### INTERNSHIP EXPERIENCE

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#### **Product Manager, APIs, SOTI**

Sep 2021 – present  
Mississauga, Canada

- Led and architected the development of API features setting product expectations with software developers
- Critiqued REST API documentation quality establishing their release
- Conducted meetings with customer-facing teams to acknowledge customer needs optimizing the user experience

#### **Product Manager, Software Bugs, SOTI**

May 2021 – present  
Mississauga, Canada

- Strategized cross-functional team collaboration with technical support, sales consulting, quality assurance, data engineering and software development teams
- Expedited bug resolution through analysis of root causes in software logs and codebases in C# and Java
- Published maintenance release notes accurately communicating resolved issues

### TECHNICAL PROJECTS

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#### **File Encryption Scheme - Python, GitHub**

- Encrypts and decrypts any type of computer file. Studied cryptography and file handling.

#### **Animal Matching Game - C#, .NET, GitHub**

- Time-based game to match the animal symbols based on a timer. Implemented full-stack development.

#### **Prime Number Searcher - Java, GitHub**

- Finds the 1st - 30 000th prime number under 1 minute. Studied the time complexity of algorithms.

### EXTRA-CURRICULAR PROJECTS

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#### **Your Online Shopping Assistant** - **Team Leadership Excellence Award, WeDesignTech Hackathon**

- Developed an e-commerce website that searches for sustainable options and a chrome extension that indicates the sustainability of your online purchases to encourage people to support sustainable businesses
- Awarded Leadership Limelight Award for excellent hackathon team leadership. Overwhelmingly positive feedback from industry professionals from IBM, Shopify and HP describing delivery as "well-spoken," "excellent," and "passionate"

#### **E-Cycle - Speaker & UX Designer, TechTalent Accelerator Hackathon**

- Developed an app that allows people to safely dispose of their electronic waste to reduce e-waste littering
- Positive feedback from industry professionals from AMD and HP describing presentation as "well-done" and "well prepared for answering questions"

#### **My 6 Month Job Search - Speaker & Video Editor, YouTube**

- My story about my job search for my first internship in the technology field. I go over my journey month by month from getting rejected after an interview to landing an offer 2 weeks before the summer term.
- Positive comments from the LinkedIn community describing the video as "inspiring," "enjoyable" and "has a valuable story"

### EDUCATION

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#### **BSc Computer Science (Co-op) 3.73 GPA, Ryerson University**

2019 – present  
Toronto, Canada

- Dean's List Honour for High Academic Standing
- Programming: Algorithms, Data Structures, Computer Organization, Operating Systems
- Mathematics: Discrete Math, Linear Algebra, Calculus