

# Yasser Elsaid

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## EDUCATION

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### York University

Honours Bachelor of Science, Computer Science (GPA: 3.9/4.0)

Toronto, ON, Canada

Expected Dec. 2022

## TECHNICAL SKILLS

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**Languages:** JavaScript (ES6), HTML5, CSS3, C, C++, Java, Python

**Frameworks/Tools:** React, Node.js, Next.js, MongoDB, Version Control (Git), RESTful APIs, JSON, AJAX, Material-UI, Linux, Firebase

## EXPERIENCE

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### Software Development Intern

BlackBerry

May 2021 – Present

Waterloo, ON, Canada

- Incoming full stack development intern

### Research Assistant

York University

Jan. 2021 – May 2021

Toronto, ON, Canada

- Mentored a group of 4 high school students about the engineering design process, computational thinking, and the basics of programming to solve real-world problems
- Led the students in a research project that leverages machine learning to promote social good
- Collaborated with other mentors to develop a curriculum that is catered to the students' needs and abilities

### Full Stack Developer

Freelance

Jun. 2020 – Jan. 2021

- Developed an ecommerce store for a jewelry brand [ivoryjewelry.shop](https://ivoryjewelry.shop)
- Improved SEO by using **Next.js** with **React** for server side rendering, and ensured a rating of 100% for SEO on Google Lighthouse
- Reduced the initial page load time by 20% by leveraging Next.js to cache the rendered pages
- Reduced the running cost and development time by using serverless functions
- Implemented **Firebase authentication** with different user roles in which admins have permissions to perform CRUD operations on the products ensuring flexibility and great user experience for the admins

### Computational Thinking Mentor

York University

Sep. 2020 – Dec. 2020

Toronto, ON, Canada

- Held meetings twice a week with a group of 5 to 10 first-year computer science students to expand their computational thinking skills
- Led the students to increase their average grade by 20%
- Established good rapport with the students which resulted in positive feedback
- Prepared weekly reports on each student and their progress, and of weekly activities

### Full Stack Developer

Freelance

Apr. 2020 – Aug. 2020

- Designed and developed a web app for an archery academy [archeryhub.club](https://archeryhub.club) using **React**, **Redux** and **Node.js**
- Connected to the Google Calendar API to create the booking functionality which allows users to book different time slots in different locations
- Implemented an admin panel that can be used to set available time slots for each of the 2 locations

## PROJECTS

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**RateMyCourses.io** [🔗](https://ratemycourses.io) | *React, Next.js, Node.js, MongoDB, Mongoose*

Dec. 2020 – Present

- Built the web app [ratemycourses.io](https://ratemycourses.io) that is used by thousands of university students to review and get advice on courses they are interested in, it has had over 10,000 unique visitors and more than 600 reviews.
- Optimized the performance rating on Google Lighthouse to 100% which resulted in a great user experience

## EXTRACURRICULAR ACTIVITIES

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### Archery

- Gold medalist in both the individual and team events in the African Open Archery Championship in 2014