

# 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 working with **Go**, **Ruby on Rails**, **Docker** and **React**

### 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) which has over **15,000** unique visitors and is used by university students to review and get advice on courses they are interested in
- 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