

# KARIM BELFORD

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## CAREER OBJECTIVE

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As a graduate with a Bachelor's degree in Computer Science I would like to work at a company where my experience in multiple programming languages, frameworks and tools would be a strong addition to the team, I am seeking a Developer role where I can utilize my skills and knowledge to contribute to the development of innovative and impactful projects. I am a quick learner with a passion for technology and I am eager to apply my skills in a challenging and dynamic environment.

## EDUCATION

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### Bachelor of Computer Science (Hons), Minor in Mathematics and Statistics

University of Windsor

Windsor, ON

Sep. 2018 – Aug. 2022

- **Languages:** C, C++, Java, JavaScript, Python, HTML, CSS, PHP
- **Frameworks & Tools:** Windows, Linux, ReactJS, MongoDB, SQL, NodeJS, Express
- **Certificates:** JavaScript Algorithms and Data Structures(FCC), Python Scientific Computing and Machine Learning(FCC)
- **Competitions:** BorderHacks 2020, Hack the North 2021
- **Relevant Coursework:** Object-Oriented Programming Using Java, Data Structures & Algorithms, Project Management: Techniques & Tools, Software Verification and Testing

## Technical Experience

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### Freelance Developer, Independent Day Trading Company

Jan.2023 – Present

**Tech Stack:** *NodeJs, TypeScript, ReactJs, BybitAPI*

- Developed a mobile crypto trading software application using NodeJs, TypeScript, ReactJs, and BybitAPI
- Implemented features such as automated recommendations for crypto trading based on trends and client risk tolerance portfolios, interactive interface, and user-friendly intuitive platform.

### Top Reps App – Full Stack Developer

Aug. 2022 – Dec.2022

**Tech Stack:** *JavaScript, SASS, ReactJS, Firestore, Firebase*

- Developed a fully functioning non-production E-commerce clothing store which has a create account and sign-in page for authentication. Website has various categories for users to shop and can add items to cart and checkout.

### Face Recognition App – Full Stack Developer

Aug. 2022 – Nov. 2022

**Tech Stack:** *JavaScript, CSS, HTML, ReactJS, NodeJS, ExpressJS, PostgresDB, Clarifai API,*

- Developed a face recognition app using JavaScript, CSS, HTML, ReactJS, NodeJS, ExpressJS, PostgresDB, and the Clarifai API
- Implemented user authentication using bcrypt and knex and cors API to connect the server to the Postgres database

### Vectorization of Online Social Networks – Data Scientist

Jan. 2022 – Apr. 2022

**Tech Stack:** *Python, Matplotlib, Numpy, Pandas*

- Developed AI models using the Word2Vec algorithm and Graph embeddings
- Models developed were passed Facebook dataset and used Deepwalk to find similar pages and make recommendations based on a user's interest