

# KARIM BELFORD

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## Objective

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Recent Computer Science graduate with a strong foundation in multiple programming languages, frameworks, and tools. Seeking a Junior Developer role to utilize my skills and contribute to innovative, impactful projects in a challenging and dynamic environment. Passionate about technology, eager to learn and grow in the software development field.

## Education

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

Windsor, ON

University of Windsor

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 statistical arbitrage trading software application.
- Utilized NodeJs, TypeScript, ReactJs, and BybitAPI for development

### Top Reps App – Full Stack Developer

Aug. 2022 – Dec.2022

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

- Developed a non-production E-commerce clothing store with account creation, sign-in, shopping categories, cart, and checkout features
- Employed JavaScript, SASS, ReactJS, Firestore, and Firebase for development

### 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 integrating user authentication with bcrypt and knex
- Connected the server to the Postgres database using cors API
- Implemented JavaScript, CSS, HTML, ReactJS, NodeJS, ExpressJS, PostgresDB, and Clarifai API for development

### 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
- Analyzed Facebook dataset with Deepwalk to find similar pages and make recommendations based on user interests