

# KARIM BELFORD

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## Objective

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Aspiring Junior Developer with a recent Computer Science degree and hands-on experience in developing software applications. Eager to apply my skills in multiple programming languages, frameworks, and tools to contribute to innovative projects in a challenging and dynamic environment. Passionate about technology and committed to continuous learning and professional growth in the software development field.

## 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

- Developed a statistical arbitrage and triangular arbitrage trading bot using NodeJs, TypeScript, ReactJs, and BybitAPI.

### Top Reps App – Full Stack Developer

Aug. 2022 – Dec. 2022

- Built an E-commerce clothing store application with account creation, sign-in, shopping categories, cart, and checkout features using JavaScript, SASS, ReactJS, Firestore, and Firebase.

### Face Recognition App – Full Stack Developer

Aug. 2022 – Nov. 2022

- Created a face recognition app with user authentication, bcrypt, and knex integration, and 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

- Developed AI models using Word2Vec algorithm and Graph embeddings to analyze Facebook dataset with Deepwalk, finding similar pages and making recommendations based on user interests. Utilized Python, Matplotlib, Numpy, and Pandas.