

Abdullah Shibib

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EDUCATION

Carleton University

Ottawa, ON

Honors Bachelor's Of Information Technology—IRM—Minor in Psychology

Expected Graduation, December 2027

- **Relevant Coursework:** Web Interface Development, Intro to Programming and Problem Solving, Intermediate Programming, Multimedia Data management, Data Visualization, Advanced Cataloguing, Subject Analysis and Indexing
- **Availability:** Available for 4-16 months

TECHNICAL SKILLS

Programming: JavaScript, Python, HTML/CSS, C, C++, SQL

Tools/Framework: Machine Learning, Large Language Models (LLM), Natural Language Processing (NLP), Visual Studio Code, Django, PostgreSQL, Spring Boot, Docker, Pandas, API, JSON, Vector Databases, Flask, DML/DDL/DCL

PROJECTS

DataWhisk | *Python, PyTorch, BERT, Node.js, Playwright, Scikit-learn*

- Built a neural network based sentiment analysis tool for a bakery using **BERT** and **PyTorch**, leading to a **10%** increase in sales and saving **\$650** per month in ingredient costs
- Built an automated web scraping system with **Node.js** and **Playwright**, collecting **1,350+** customer reviews, reducing manual data gathering time by at least **50%**
- Extracted insights with **scikit-learn** and visualized trends using **Matplotlib**, helping the client focus on improving low-performing items
- Streamlined data processing with **Pandas**, saving **15+** hours/month and reducing operational costs

CUExaminer | *SpringBoot, PostgreSQL, ReactJS, Docker*

- Developed and deployed a full-stack web application that enhanced academic experiences of **700+** **Carleton University students**
- Utilized **PostgreSQL** for data storage, **Spring Boot** for a **RESTful API** backend, and **ReactJS** for the user interface
- Containerized the application with **Docker**, reducing deployment time by **30 seconds**, and ran **200+** Postman API tests

Ligalytics | *SpringBoot, PostgreSQL, ReactJS, Docker*

- Engineered a comprehensive **data scraping** of match statistics for **450+** players using **Python** and **pandas**, followed by dynamic manipulation and presentation of the data through a **Spring Boot** application
- Implemented real-time data manipulation within a **PostgreSQL** database through the effective use of **SQL** queries, establishing a seamless integration with a user-friendly **ReactJS** interface
- Containerized the application with **Docker** for streamlined deployment and utilized **Postman** for rigorous **API** testing to ensure reliability and performance

AI Trading Bot | *Python, PyTorch, FinBERT, REST API, Alpaca API, Lumibot*

- Developed an AI trading bot using Python and **Alpaca API** integrated with **Lumibot** and **YahooDataBacktesting**
- Implemented real-time sentiment analysis using **FinBERT** and **PyTorch**, enhancing financial decision-making with **99%** accuracy
- Utilized **REST API** calls to Alpaca for data retrieval and trade execution, ensuring swift market responsiveness
- Achieved a remarkable **68.56%** annual return on **\$SPY** in back testing, demonstrating the strategy's effectiveness

EXPERIENCE

SpecSavers

August 2023 –Present

Eye Care Consultant

Ottawa, ON

* Senior Eye Care Consultant.

* Ensuring patients receive the highest level of care and attention to detail.

* Equipping new workers with the necessary skills to excel in their roles.