

# 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

## EXPERIENCE

Ericsson | *September 2025–Present*

Ottawa, ON

### Software Engineer

- Contributed to technology scouting and development of **neural networks** and **deep learning algorithms** for **5G/6G physical layer functions** on Ericsson RAN compute and COTS platforms (**x86/ARM**).
- **Developed** and optimized high-performance software using **C/C++** and **Python**, applying **AI/ML frameworks** such as **TensorFlow** and **PyTorch**.
- **Implemented** scalable AI deployment using **cloud platforms (AWS)** and **CI/CD pipelines** (Git, Jenkins, GitHub).

## PROJECTS

**DataWhisk** [GitHub](#) | *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** [GitHub](#) | *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** [GitHub](#) | *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

## 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/DDI/DCL