

# ADEWALE IBRAHIM

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## JUNIOR SOFTWARE DEVELOPER

Solution focused AI - Software Engineering Technology COOP student with a solid foundation in machine learning concepts, algorithms and data structures, and AI ethics. Experienced in applying Agile practices, SDLC methodologies, user-oriented design, testing, and QA to deliver reliable solutions. Skilled in ensuring data integrity and sensitive data security, with proven success in high-paced, high-volume environments.

## PROFESSIONAL SUMMARY

- Solid foundational understanding of machine learning concepts, algorithms and data structures, and AI ethics.
- Demonstrated ability to deliver high-quality results in fast-paced, high-volume environments.
- Practical experience applying best practices for data integrity, security protocols, and sensitive data handling.
- Knowledgeable in Agile methodologies, SDLC processes, user-centered design, testing, and quality assurance.
- Technical proficiency in SQL, Python, Java, JavaScript, HTML/CSS, C#, and MERN stack development.
- Hands-on experience with Microsoft Office Suite, Microsoft Visio, GitHub, Visual Studio Code, Trello, and Jira.

## KEY SKILLS

- Programming & Libraries: Python (NumPy, Pandas), C# - .NET, Java - Swing, UNIX Shell Script
- Data Science & AI: Machine Learning, Logic, Statistics & Probability, SQL
- Software Development: Web Development, Interface Design, Coding, Testing & QA
- Documentation & Processes: Technical Documentation (SRS, SSD), Project Management, Agile & SDLC practices
- Security & Compliance: Data Security & Privacy

## EDUCATION

<b>Software Engineering Technology - Artificial Intelligence (Co-op) Advanced Diploma</b>	Jan. 2025 - Present
Centennial College, Toronto, ON	GPA: 4.36/4.5 (A+)

*Courses:* Linux/Unix OS | Database Concepts (SQL) | AI Foundations | Testing & Quality Assurance  
C# Programming | Interface Design | Web Application Development | Java Programming | Ethics of AI

<b>Addictions and Community Services Worker Diploma</b>	<i>Graduation: 2024</i>
CDI College, North York, Ontario	

<b>Academic and Career Entrance - ACE Certificate</b>	<i>Graduation: 2021</i>
Seneca College – Toronto, ON	

<b>Investment Funds In Canada (IFIC)</b>	<i>Graduation: 2019</i>
Canadian Securities Institute, Canada	

<b>Certificate in SAP Finance (Finance Module)</b>	<i>Certification: 2019</i>
Working Skills Centre, Toronto	

*Other Certificates:* Bookkeeping with QuickBooks | Microsoft Office Excel CORE | Microsoft Office Excel Expert  
Microsoft Office Word CORE | Microsoft Office Outlook

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## ACADEMIC PROJECTS

### Web Design - C#, HTML, JavaScript

- Designed a responsive, user-oriented auto sales website displaying available stock with details for sale

### Software Requirements Specification Document – *Smart Fitness* Mobile App

- Collaborated with an Agile team to produce a clear and comprehensive SRS document for the *Smart Fitness App*, ensuring alignment between user needs, functional requirements, and development goals

### Calculator Web Application

- Developed a Grade Point Average (GPA) calculator in C# that accepts weighted grades, computes GPA, and features an intuitive, user-friendly interface

### Retail Database - SQL

- Led a team in developing a database system enabling retailers to store, update, retrieve, and maintain inventory efficiently

## WORK EXPERIENCE

### Frontline Support Worker

Oakville Children's Home - Oakville ON

June 2020 – Present

- Applied problem-solving skills to resolve urgent client needs in high-pressure environments, developing the ability to troubleshoot issues efficiently - directly transferable to debugging and software maintenance.
- Collaborated with interdisciplinary teams, building strong communication and teamwork skills that align with Agile software development practices.
- Adapted quickly to changing client needs and protocols, demonstrating flexibility comparable to learning new frameworks, tools, and evolving project requirements.

### Financial Analyst - SAP Finance Project Implementation

Working Skills Centre, Toronto

July 2018 – Dec. 2019

- Maintained master records of financial transactions for proper analysis
- Processed daily accounts payable and accounts receivable for smooth transactions
- Reviewed the balance sheet to perform appropriate analysis ensure accuracy
- Daily reconciliation of cash activities to properly identify discrepancies
- Analysis of daily cash positions to ensure forecast is on budget
- Performed market research, data mining and business intelligence

## PROFESSIONAL DEVELOPMENT

Web Development Foundations | Udemy (Online)

In Progress

Ultimate AWS Certified Solutions Architect Associate 2025 | Udemy (Online)

In Progress