

# Adam Said Abdel Malak

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## SUMMARY

As a recent computer science graduate, I seek a dynamic position that allows me to apply my problem-solving skills and coding expertise. I am particularly interested in opportunities that foster continual learning and growth while focusing on creative UX design and building innovative software solutions.

## EDUCATION

### Certificate in Computing

University of Saskatchewan • Saskatoon, SK • 2023 • 3.6

## PROJECTS

### UX-focused TodoList Web App

- Developed a user-friendly TodoList web application with a strong emphasis on UX (User Experience).
- Implemented intuitive and responsive design to enhance user engagement and satisfaction.
- Integrated backend functionalities for managing tasks, user authentication, and data persistence.
- Conducted user testing and gathered feedback to iterate and improve the application's usability.

### Sports Data Analysis - Metropolitan Regions and Teams

University of Michigan

- Conducted data analysis on metropolitan regions and associated sports teams.
- Cleaned and preprocessed data using Python, Numpy, and Pandas.
- Calculated win/loss ratios for NFL, MLB, NBA, and NHL teams using 2018 data.
- Utilized statistical techniques such as distributions, sampling, and t-tests for analysis.
- Presented insights and findings concisely.

### Warehouse Management System

University of Saskatchewan • September 2022 - December 2022

- Led project as Scrum Master, ensuring timely progress and effective communication.
- Developed GUI with live graphs for frontend.
- Implemented database manipulation and security measures for backend.
- Effectively communicated with product owners to discuss project requirements and deliverables.

## COURSEWORK

### Intermediate Software Engineering

Teamwork, projects, planning and process, users and requirements, use cases, modeling, quality, software architecture, testing, GUI design, design principles, patterns and implementation, ethics, professionalism

### Developing Object-Oriented Systems

The use of modeling, abstractions, patterns, and GUIs to design and build a good OO system. Unit testing to ensure that systems meet requirements. Application of the techniques to interactive systems.

### Data Structures and Algorithms

Formal abstract data types; tree representations and searching: ordered trees, balanced trees, simple spatial trees; graph representations and searching: path algorithms, DFS, BFS, backtracking, and sorting algorithms.

## CERTIFICATIONS

### Introduction to Data Science in Python

University of Michigan • 2023

## SKILLS

Front end: Javascript, Css, Html, React

Back end: Java, C, MySQL, Architecture, Modeling, Abstraction

Data Science: Pandas, Dataviz, Matplotlib, Mapping, Virtualization, Cleansing

Software Engineering: Scrum, Agile, Ci Cd, Quality Assurance, Collaboration, Communication

## EXPERIENCE

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### Roadshow Supervisor

Excel Promotions

June 2022 – April 2023

- Increased scope of event operations by 30% and achieved successful customer and client satisfaction ratings of 95%.
- Led on-site roadshow events, coordinating teams and ensuring successful execution.
- Demonstrated organizational and management skills for efficient event operations.
- Provided exceptional customer service and addressed inquiries promptly.
- Collaborated with cross-functional teams to optimize event logistics.

### Fundraising Coordinator

BCC (Volunteer Role)

October 2022 – January 2023

- Achieved a 52% month-over-month increase in donations, with an average donation value of \$36.
- Implemented data-driven strategies to analyze donor patterns and optimize fundraising campaigns.
- Utilized technology platforms to streamline donation processes and enhance donor engagement.
- Leveraged data analytics to identify target demographics and personalize fundraising initiatives.
- Collaborated with cross-functional teams to develop and maintain online fundraising platforms.

### Guitar Teacher

Prelude Studio

September 2021 – January 2023

- Taught guitar lessons to students, including those with special needs.
- Developed effective communication and adaptability skills.
- Created a positive learning environment fostering musical growth.
- Incorporated music theory and tailored instruction to individual learning styles.

### Front Desk Receptionist

Colonial Square Inn & Suites Saskatoon

February 2022 – July 2022

- Managed front desk operations, utilizing software applications and CRM tools.
- Provided excellent customer service and resolved guest inquiries.
- Ensured smooth hotel operations with attention to detail.
- Developed strong communication and organizational skills.

### Kitchen Supervisor

Lebanese Kitchen

October 2021 – March 2022

- Oversaw kitchen operations, ensuring adherence to safety standards.
- Demonstrated problem-solving skills in managing workflow.
- Implemented food safety protocols and maintained a clean environment.
- Exhibited flexibility and adaptability in a fast-paced setting.

### Brand Ambassador

TruMedic

September 2021 – October 2021

- Represented truMedic at promotional events, driving sales.
- Utilized sales and marketing techniques to engage customers.
- Managed event logistics and created appealing brand experiences.
- Developed strong interpersonal and communication skills.

### Recreational Activities Officer

Aley Equi Club (Seasonal)

June 2018 – September 2020

- Organized and led recreational activities for diverse groups.
- Demonstrated organizational and leadership skills.
- Promoted a positive and inclusive environment.
- Gained experience in event planning and coordination.

### Math and English Mentor

Beit al-Yateem (Volunteer Role)

June 2017 – September 2018

- Delivered engaging math and English lessons, fostering a strong foundation in core subjects.
- Developed customized teaching materials and adapted lesson plans to meet individual learning needs.
- Utilized effective strategies to promote critical thinking, problem-solving, and language development.
- Mentored and provided academic support, encouraging students in their educational journey.