

Ibrahim Ammar

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EDUCATION

University of Michigan - Dearborn

Dearborn, MI

Bachelor of Science: Computer and Information Science, concentration in Computer Science

Expected Apr. 2024

- GPA: 3.4/4.0, Dean's List (6 semesters, 2021-2023)
- Relevant Coursework: Mobile Applications, Software Security, Computer Networks, Data Struct/Algorithms

Henry Ford College

Dearborn, MI

Michigan Transfer Agreement: Computer Science

May. 2021

GPA: 3.7/4.0, Dean's List (7 semesters, 2018-2021), Received H. Hackett Scholarship, Henry Ford Engineering Club

PROJECT/RESEARCH

University of Michigan – Dearborn

Dearborn, MI

COVID-19 Research (Probability and Statistics)

Feb. 2022

- Conducted in-depth COVID-19 research with a collaborative team, focusing on Probability and Statistics.
- Created insightful visuals in Tableau, performed advanced analyses with Minitab, and ensured data quality using Excel, contributing crucial findings to the research.
- Crafted a detailed 300-slide PowerPoint using Tableau and Minitab visuals, effectively presenting COVID-19 data

Online Crypto Currency Trading (Socket Programming; TCP sockets)

Dec. 2022

- Collaborated with a team to develop a crypto currency trading application using network sockets.
- Programmed client and server portions of the application using Python.
- Implemented commands client and server portions: BUY, SELL, DEPOSIT, BALANCE, LIST, QUIT, SHUTDOWN, LOGIN, LOGOUT, WHO, LOOKUP.

The Cat API Explorer (Android Studio)

Apr. 2023

- Developed a user interface that adheres to Jetpack standards to explore the Cat API.
- Utilized API calls and JSON parsing to retrieve information about different cat breeds.
- Displayed breed information in an ImageView and multiple widgets/views within a ScrollView.

WORK EXPERIENCE

Primealete Nutrition

Dearborn, MI

Manager

Dec. 2019 – Jan. 2023

- Trained kitchen staff in safely operating and handling equipment, machinery, and utensils.
- Ensured high food quality standards by checking delivery contents to verify product quality and quantity
- Demonstrated consistent care, attention to detail, and quality while creating identical dishes daily.

Gas Station

Royal Oak, MI

Cashier

Jan. 2022 - Aug. 2022

- Provided exceptional customer service by welcoming customers and assisting them in finding store items.
- Processed cash and credit payments for gasoline, food, and other merchandise.
- Managed in-store food and general merchandise inventory, stocked goods and documented low stock levels.
- Fostered positive relationships with employees, contributing to a harmonious work environment.

SKILLS/INTERESTS

Skills

- **Back End Programming Languages:** C++, Java, Python, SQL (MySQL Workbench)
- **Front End Programming Languages:** HTML
- **Knowledge:** Agile Software Development and SCRUM
- **Software Packages/IDA:** Visual Studios, Linux, Eclipse, Dev C++, IntelliJ IDEA
- **Software:** Tableau, Minitab, PowerBI, GitHub
- **Microsoft Office** (Word, PowerPoint, Excel)

Interests

- Custom-Built Desktop Computers: Assembled several high-performance desktop computers using high-quality components to meet performance requirements.
- Continuous Learning: Enthusiastically explore new programming languages and technologies in my free time.